

A CATALOGUE  
*OF*  
INSECTICIDES *AND*  
FUNGICIDES

*compiled by*  
DONALD E. H. FREAR, Ph.D.

*Professor of Agricultural and Biological Chemistry,  
The Pennsylvania State College*

*With a Foreword by F. F. LININGER*

*Volume I*  
CHEMICAL INSECTICIDES



1947

WALTHAM, MASS., U.S.A.

*Published by the Chronica Botanica Company*

- amyl *n*-butyrate;  $\gamma$ -methylpropyl butanoate).  
ST rice weevil and red scale. 268, 1180.
- 551-999-1001.  
Valeric acid, butyl ester;  $C_4H_9CO_2C_4H_9$ . (*n*-Butyl *n*-valerate; butyl pentanoate).  
NT rice weevil. 268, 1180.
- 551-999-1001.  
Valeric acid, isobutyl ester;  $CH_3(CH_2)_3COOCH_2CH(CH_3)_2$ . (Isobutyl valerate;  $\beta$ -methylpropyl pentanoate).  
T wireworms. 846.
- 551-999-1001.  
Isovaleric acid, isobutyl ester;  $(CH_3)_2CHCH_2CO_2CH_2CH(CH_3)_2$ . (Isobutyl isovalerate).  
NT rice weevil. 1180.
- 551-999-1003.  
Propionic acid, amyl ester;  $CH_3CH_2COO(CH_2)_4CH_3$ . (Amyl propionate; pentyl propanoate).  
NT wireworms. 846.
- 551-999-1003.  
Valeric acid, propyl ester;  $CH_3(CH_2)_3COOC_3H_7$ . (Propyl valerate).  
MT wireworms. 846.
- 551-999-1003.  
Isovaleric acid, propyl ester;  $(CH_3)_2CHCH_2CO_2C_3H_7$ . (*n*-Propyl isovalerate).  
NT rice weevil. 1180.
- 551-999-1011.  
Acetic acid, amyl ester;  $CH_3COO(CH_2)_4CH_3$ . (*n*-Amyl acetate; 1-pentanol acetate; amyl acetic ester).  
T *Tenebrio molitor* and *Lucilia cuprina*; NT red scale. 268, 841, 849.
- 551-999-1011.  
Acetic acid, isomyl ester;  $CH_3COO(CH_2)_2CH(CH_3)_2$ . (Isoamyl acetate; 3-methyl-1-butanol acetate;  $\gamma$ -methylbutyl ethanoate).  
T codling moth; NT red scale. 268, 915.
- 551-999-1011.  
Valeric acid, ethyl ester;  $C_4H_9CO_2CH_2CH_3$ . (Ethyl *n*-valerate; ethyl pentanoate).  
MT rice weevil. 1180.
- 551-999-1011.  
Isovaleric acid, ethyl ester;  $(CH_3)_2CHCH_2CO_2C_2H_5$ . (Ethyl isovalerate).  
HT rice weevil. 1180.
- 551-999-1011-1030.  
Senecioic acid, ethyl ester;  $(CH_3)_2C:CHCOOC_2H_5$ . (Ethyl  $\beta,\beta$ -dimethyl acrylate).  
HT rice weevil. 1180.
- 551-999-1021.  
Formic acid, amyl ester;  $HCOO(CH_2)_4CH_3$ . (Amyl formate; pentyl methanoate).  
NT wireworms; not effective as attractant to oriental fruit moth. 508, 846.
- 551-999-1021.  
Formic acid, isoamyl ester;  $HCOOCH_2CH_2CH(CH_3)_2$ . (Isoamyl formate;  $\gamma$ -methylbutyl methanoate).  
HT rice weevil; T codling moth larvae. 257, 915, 1180.
- 551-999-1021.  
Valeric acid, methyl ester;  $C_4H_9CO_2CH_3$ . (Methyl *n*-valerate; methyl pentanoate).  
HT rice weevil. 1180.
- 551-1000.  
Valeric acid, amyl ester;  $C_4H_9COOC_5H_{11}$ . (Amyl valerianate).  
ST silken fungous beetle; NT oriental peach moth. 508, 899.
- 551-1000.  
Isovaleric acid, isoamyl ester;  $(CH_3)_2CHCH_2CO_2CH_2CH_2CH(CH_3)_2$ . (Isoamyl isovalerate).  
Attractant for oriental peach moth; NT rice weevil. 1094, 1180.
- 551-1001-1003.  
Butyric acid, propyl ester;  $CH_3CH_2CH_2COOC_3H_7$ . (*n*-Propyl *n*-butyrate).  
MT rice weevil. 1180.
- 551-1001-1003.  
Propionic acid, isobutyl ester;  $CH_3CH_2COOCH_2CH(CH_3)_2$ . (Isobutyl propionate;  $\beta$ -methylpropyl propanoate).  
NT red scale. 268.
- 551-1001-1011.  
Acetic acid, butyl ester;  $CH_3COOC_4H_9$ . (*n*-Butyl acetate).  
T *Lucilia cuprina*; MT clothes moths. 849, 915.
- 551-1001-1011.  
Acetic acid, isobutyl ester;  $CH_3COOCH_2CH(CH_3)_2$ . (Isobutyl acetate;  $\beta$ -methylpropyl ethanoate).  
NT wireworms. 846.
- 551-1001-1011.  
Butyric acid, ethyl ester;  $CH_3CH_2CH_2COOCH_2CH_3$ . (Ethyl *n*-butyrate; ethyl butanoate).  
HT rice weevil; ST red scale. 268, 1180.
- 551-1001-1011.  
Isobutyric acid, ethyl ester;  $(CH_3)_2CHCOOC_2H_5$ . (Ethyl isobutyrate).  
HT rice weevil; ST red scale. 268, 846, 1180.
- 551-1001-1021.  
Butyric acid, methyl ester;  $CH_3CH_2CH_2COOCH_3$ . (Methyl *n*-butyrate).  
HT rice weevil. 1180.
- 551-1001-1021.  
Formic acid, butyl ester;  $HCOOC_4H_9$ . (*n*-Butyl formate; butyl methanoate).  
NT red scale and rice weevil. 257, 268.
- 551-1001-1021.  
Formic acid, isobutyl ester;  $HCOOCH_2CH(CH_3)_2$ . (Isobutyl formate;  $\beta$ -methylpropyl methanoate).  
T rice weevil; MT wireworms. 257, 846, 1180.
- 551-1001-1021.  
Formic acid, *sec*-butyl ester;  $CH_3CH_2CH(CH_3)COOCH_3$ . (*sec*-Butyl formate).  
T rice weevil. 257.
- 551-1002.  
Butyric acid, butyl ester;  $CH_3CH_2CH_2COOC_4H_9$ . *n*-Butyl *n*-butyrate; butyl butanoate).  
ST red scale; NT rice weevil. 268, 846, 1180.
- 551-1002.  
Butyric acid, isobutyl ester;  $C_3H_7COOCH_2CH(CH_3)_2$ . (Isobutyl *n*-butyrate;  $\beta$ -methylpropyl butanoate).  
T codling moth; ST red scale; NT rice weevil. 268, 915, 1180.
- 551-1002.  
Isobutyric acid, isobutyl ester;  $(CH_3)_2CHCH_2COOCH_2CH(CH_3)_2$ . (Isobutyl isobutyrate).  
HT rice weevil; ST red scale. 268, 1180.
- 551-1003-1011.  
Acetic acid, propyl ester;  $CH_3COOC_3H_7$ . (*n*-Propyl acetate).  
NT *Chrysomphalus aurantii* and *Leptinotarsa de-cemlineata*. 268, 1009.
- 551-1003-1011.  
Acetic acid, isopropyl ester;  $CH_3COOC(CH_3)_2H$ . (Isopropyl acetate).  
NT *Chrysomphalus aurantii*. 268.
- 551-1003-1011.  
Propionic acid, ethyl ester;  $CH_3CH_2COOC_2H_5$ . (Ethyl propionate).  
NT red scale. 268.
- 551-1003-1011-1030.  
Acrylic acid, ethyl ester;  $CH_2=CHCOOC_2H_5$ . (Ethyl acrylate; ethyl propenoate).  
T red scale. 268.
- 551-1003-1021.  
Formic acid, propyl ester;  $HCOOC_3H_7$ . (*n*-Propyl formate).  
NT *Chrysomphalus aurantii*. 268.
- 551-1003-1021.  
Formic acid, isopropyl ester;  $(CH_3)_2CHOOCH$ . (Iso-propyl formate).  
T confused flour beetle; NT *Chrysomphalus aurantii*. 13, 268.
- 551-1003-1021.  
Propionic acid, methyl ester;  $C_2H_5COOCH_3$ . (Methyl propionate).  
T *Chrysomphalus aurantii*. 268.
- 551-1003-1021-1030.  
Formic acid, allyl ester;  $HCOOCH_2CH=CH_2$ . (Allyl formate; 2-propenyl methanoate).  
T *Sitophilus oryza*; NT *Chrysomphalus aurantii*. 257, 268, 846.
- 551-1004.  
Propionic acid, propyl ester;  $CH_3CH_2COOCH_2CH_2CH_3$ . (*n*-Propyl propionate; propyl propanoate).  
HT *Sitophilus oryza*; T *Chrysomphalus aurantii*. 268, 1180.
- 551-1011-1021.  
Acetic acid, methyl ester;  $CH_3COOCH_3$ . (Methyl acetate).







DONALD E. H. FREAR was born September 16, 1906, at South Eaton, Wyoming County, Pennsylvania. B.S., The Pennsylvania State College, 1926; M.S., University of New Hampshire, 1928; Ph.D., The Pennsylvania State College, 1937. Assistant in agricultural chemistry, University of New Hampshire, 1926-1928; Assistant Chemist, Rhode Island Agricultural Experiment Station, 1928-1930; Instructor, Assistant Professor and Associate Professor of agricultural and biological chemistry, The Pennsylvania State College, 1930-1944; Professor of agricultural and biological chemistry in charge of research on insecticides and fungicides 1944- ; Consultant, OSRD, 1943-1945; Member of Chemical Codification Subcommittee, National Research Council, 1945- ; Member, American Chemical Society, American Society of Biological Chemists, Association of Economic Entomologists, American Society for Horticultural Science, Phi Lambda Upsilon, Alpha Zeta, Gamma Sigma Delta, Sigma Xi; Author, "Chemistry of Insecticides and Fungicides."

• ANNALES CRYPTOLOGAMICI et PHYTOPATHOLOGICI •

Volume VII

CHEMICAL  
INSECTICIDES

ANNALES CRYPTOGRAMICI  
et PHYTOPATHOLOGICI  
*(incorporating Annales Bryologici)*

*edited by*

FRANS VERDOORN, Ph.D.

*Managing Editor, the Chronica Botanica Co.; Special  
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Arnold Arboretum of Harvard University; Assoc. Editor,  
Chronica Naturae, Farlowia, Bryologist; Botanical Secretary,  
International Union of Biological Sciences.*

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*Wij en konden den Heer en maker van het geheel  
Al niet meer verbeerlijken, als dat wij in alle zaken,  
hoe klein die ook in onse bloote oogen mogen zijn, als  
ze maar leven en wijsdom hebben ontfangen, zijn al  
wijsheit en volmaaktbeit, met de uiterste verwondering  
sien uit steken.*

*Antoni van Leeuwenhoek*

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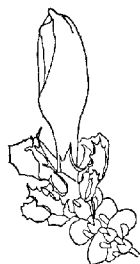
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## FOREWORD

*This compilation represents a portion of the work under Project 999 of the Pennsylvania Agricultural Experiment Station, begun during World War II in an effort to find new insecticides and fungicides to replace those made scarce by war restrictions on shipping and other disruptions of the normal flow of commercial materials. It was the opinion of the leaders of this project that before any concerted effort could be made to search for new pest-control chemicals, previous work in this field should be surveyed completely. This catalogue is a result of the survey.*

*Covering as it does the results of biological testing on a group of approximately 10,000 materials, this catalogue should be of wide use to scientists in the field of insecticides and fungicides. Studies on these pest-control materials have been greatly stimulated within recent years by the discovery of DDT, hexachlorocyclohexane and other new chemicals of high promise. Research work along these lines is assuming an increasingly important place in both industrial and institutional laboratories.*

*The work involved in the preparation of this catalogue differs considerably from that usually conducted under a research project of an Agricultural Experiment Station. It represents the collection and correlation of pertinent facts from a large mass of scientific information, accumulated over a period of years in one field of research, but scattered in many technical publications. With the tremendous increase in scientific knowledge, it will be necessary to condense and compile known facts frequently in future years, if the time of the workers is to be used to best advantage. In many cases, the bringing together of known facts is as important a contribution to research as the discovery of new information.*

*It is a pleasure, therefore, to commend the present catalogue to research workers in entomology, plant pathology, and chemistry. The large amount of time which Dr. FREAR has spent in the preparation of these volumes will be more than repaid, in the aggregate, by the saving of effort on the part of many individual students and investigators who will be spared the necessity of long and tedious literature searches.*

F. F. LININGER, Director,  
The Pennsylvania Agricultural Experiment Station.

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**CHRONICA BOTANICA**, an International Collection of Studies in the Method and History of Biology and Agriculture, founded and edited by FRANS VERDOORN, is published bimonthly at \$7.50 to regular subscribers (post free, foreign and domestic).

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*Annales Bryologici*, a journal devoted to the study of mosses and hepatics, of which we published (in the beginning in cooperation with Messrs. Nijhoff) 12 volumes and 4 supplementary volumes between 1927 and 1939, is now being continued by the *ANNALES CRYPTOGRAMICI ET PHYTOPATHOLOGICI* (see above).—Complete sets and single vols. of *ANNALES BRYOLOGICI* are still available at \$4.00 a volume.—The bryological exsiccata formerly issued by Dr. FRANS VERDOORN: *Bryophyta Arduennae Exsiccata* (dec. 1-5, 1927/29), *Hepaticae Selectae et Criticae* (11 series, 1930/39) and *Musci Selecti et Critici* (7 series, 1934/40), have all been sold out.

*BIOLOGIA*, an International Bimonthly Biological Newsletter, was established in January 1947 to fill the need for a small and informal, though not popular, report on progress in international relations, congresses, societies, publications, and related activities in the pure and applied plant and animal sciences.—*Annual subscription*: \$1.00 (post free, foreign and domestic), or \$4.00 for one vol. (4 years), free to all *CHRONICA BOTANICA* subscribers (cf. *supra*).—*Binding cases* will be available shortly at \$1.50 (for one vol. with index: 4 years, post free).—*A sample copy* of this unique scientific newspaper will be sent on request.

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## PREFACE

*During recent years a great deal of research has been directed toward the finding of new materials for controlling insects and fungi. The discovery of rotenone, a natural product, and several promising synthetic organic chemicals, such as the organic thiocyanates, chloranil, and DDT, have intensified the search for other new and better insecticides and fungicides. The literature on the subject is already voluminous, and nearly every issue of the technical journals contains one or more papers dealing with the testing of new materials against insects and fungi.*

*There is no doubt that new pest-control substances are needed. Many of the commonly used materials are not highly efficient, and most of those which have high toxicity to the lower forms of life are toxic to man and other higher animals to a dangerous degree. Commercially, a rich prize awaits the discoverer of any new insecticide or fungicide which can be demonstrated to have properties superior to the presently used materials.*

*For the most part, the search for new insecticides and fungicides has been a rather haphazard affair. Certain plant families or chemical combinations of demonstrated toxicity have been investigated thoroughly, but outside of these limited fields, the search has been lacking in continuity of effort. At this institution a research project on new insecticides and fungicides was instituted several years ago. In an attempt to approach the problem from a more scientific point of view, it was decided (a) to make a thorough search of the published literature on the subject and (b) to correlate the results of these tests with various physical and chemical properties of the materials used in order to arrive, if possible, at some conclusions regarding the nature of toxic action.*

*The literature search involved the examination of many journals, from which approximately six thousand materials were obtained. An appeal to workers in the field for unpublished data (SCIENCE, December 31, 1943) resulted in the addition of several thousand more substances. It was felt that the publication of a catalogue of the materials thus collected, in a form available for all investigators working with insecticides and fungicides would be of considerable value: first, because it would collect in one place all or nearly all of the published results on tested materials, and would thus save time ordinarily spent in literature searches, and secondly, a brief summary of previous work would result in the elimination of duplication in further studies, making possible a tremendous saving in time and energy for research workers.*

*This, then, is the background for the present catalogue, and the reasons for its presentation. The compilation alone has involved a great deal of routine work, and on the completion of this phase there remained the problem of classification. This was solved by the expedient of a new system of classification, the details of which are given in the Introduction which follows this*



*Preface. Unfortunately it was not possible to devise any extremely simple system of classification to accommodate the several thousand compounds included, but the system here presented will be easily understood by anyone with a knowledge of chemistry.*

*Although every effort has been made to make this catalogue as complete as possible up to January, 1944, there are undoubtedly numerous omissions. Since the main purpose of the compilation was to gather information on the less commonly used materials, no effort was made to cover the literature on widely used insecticides and fungicides, such as nicotine, lead arsenate, sulfur, and a number of others. The literature on some of these materials has been summarized adequately by other workers.*

*The compounds listed herein are named according to the system of nomenclature of the American Chemical Society, as used in CHEMICAL ABSTRACTS. In many cases in which the original authors gave only a general name, or one lacking in specificity, the most logical chemical constitution has been selected, and may be indicated as questionable. In some few cases the name or constitution given in the original publication has been found to be chemically impossible; these are so indicated. All plant names conform to those given in STANDARDIZED PLANT NAMES (second edition, 1942, J. H. McFarland Company, Harrisburg, Pa.).*

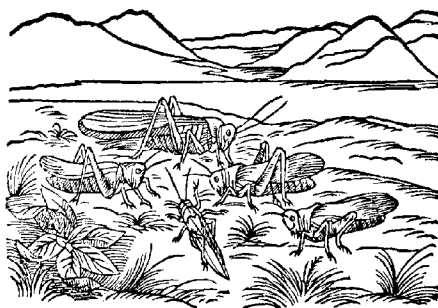
*This compilation would have been impossible without the splendid cooperation of a number of people. Among those who have given freely of their time and knowledge in the preparation of this catalogue are the following: Mrs. HELEN MILLER, Mrs. NORMA PIANKA, Miss FRANCES SUNDAY, Dr. HERMAN KING and Professor G. W. PEARCE. A number of workers of the Committee on Medical Research, Office of Scientific Research and Development, under the direction of Dr. C. C. STOCK, assisted materially in the naming of chemical compounds. Particular mention should be made to the invaluable contributions of Dr. E. J. SEIFERLE, especially on the classification and naming of the organic compounds published in this catalogue. Published and unpublished materials were contributed generously by nearly one hundred workers in the fields covered. Specific mention should be made of the extensive contributions of Dr. ROY HANSBERRY, Dr. E. D. WITMAN, Dr. ERWIN DICYAN, Dr. W. W. ALLEN, Dr. H. C. BREWER, Dr. J. G. HORSFALL, Dr. W. McMAHON, Dr. J. M. LEMON and Dr. S. E. A. McCALLAN. The author expresses his obligation and appreciation to all of these. It is the author's hope that if this catalogue serves a useful purpose, it may form the basis for other compendia. To this end he will welcome any further contributions of published or unpublished material, as well as suggestions or corrections of the present work.*

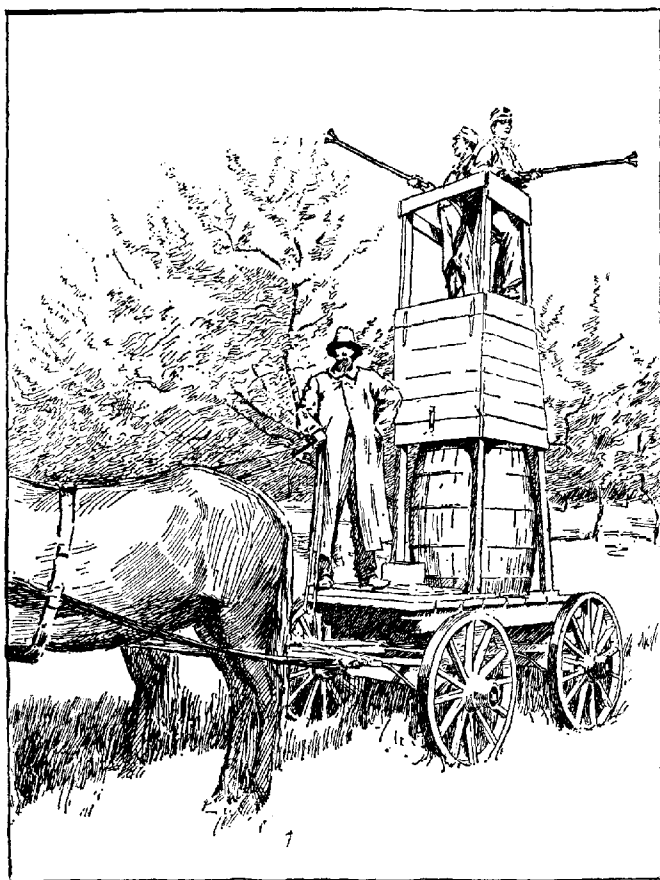
DONALD E. H. FREAR

State College, Pa.  
Summer, 1947

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'AN EXCELLENT SPRAYING OUTFIT FOR TALL ORCHARD TREES' (ca. 1890), *after* LODEMAN (*The Spraying of Plants*, 1896). — The vignettes on pages 178 and 198 have been reproduced from the same book. — The vignette on page 203 has been taken from a commercial advertisement which appeared about 70 years ago. — The other vignettes are from various editions of MATTIOLI's herbals.

# INTRODUCTION

## Arrangement of Compounds—Coding System:—

*General.*—The problem of classifying chemical compounds presents many difficulties. Any simple system, such as an alphabetical arrangement, does not take into consideration the chemical relationships involved, and makes the task of locating related compounds extremely difficult. On the other hand, the complexity of many compounds, particularly those of an organic nature, renders any attempt at complete cross-indexing cumbersome to the point of physical impossibility.

After considerable experimentation with various methods of classification, a new system has been evolved. Approximately 10,000 compounds have been classified by means of this system, with satisfactory results, and it is believed that anyone with an understanding of chemistry can use the system to classify compounds or to locate those already classified.

Briefly, the present system consists of assigning to each chemical compound a "code number". This code number is made up of the numbers assigned to each constituent group present in the compound, according to the prearranged code list given below. In use, the constituent groups in each compound to be coded are assigned numbers beginning with the one bearing the lowest number, and followed by the other constituent groups in numerical order. The length of the code number for any given compound will depend upon the variety of constituent groups present in that particular compound.

### (CH)ONSX

Bromosulfonamides	.....—SO <sub>2</sub> NHBr	1
Chlorosulfonamides	.....—SO <sub>2</sub> NHCl	3
Fluorosulfonamides	.....—SO <sub>2</sub> NHF	5
Iodosulfonamides	.....—SO <sub>2</sub> NHI	7
Ialosulfonamides	.....—SO <sub>2</sub> NHX	9
Mixed———	.....—SO <sub>2</sub> NBrCl	15
	.....—SO <sub>2</sub> NBrF	16
	.....—SO <sub>2</sub> NBrI	17
	.....—SO <sub>2</sub> NClF	18
	.....—SO <sub>2</sub> NClI	19
	.....—SO <sub>2</sub> NFI	20
Sulfamyl halides	.....H <sub>2</sub> NO <sub>2</sub> SX	22

### (CH)ONS

Amidosulfides	.....—CONHSHNCO—	48
Oxothiocyanates		
(oxoisothiocyanates)	.....—CONCS(—COSCN)	52
Sulfonamides	.....—SO <sub>2</sub> NH <sub>2</sub>	56

Sulfamides .....	$\text{H}_2\text{NSO}_2\text{NH}_2$ .....	57
Hydrazine sulfonates .....	$\text{H}_2\text{NNHSO}_3\text{H}$ .....	60
Sulfonyl hydrazines .....	$\text{H}_2\text{NNHO}_2\text{S}-$ .....	61
Hydrazine sulfinates .....	$\text{H}_2\text{NNHS}(:\text{O})\text{OH}$ .....	62
Sulfamates .....	$\text{H}_2\text{NSO}_3\text{H}$ .....	65
Thiourethanes .....	$\text{H}_2\text{NC}(:\text{S})\text{OH}$ or $\text{H}_2\text{NC}(:\text{O})\text{SH}$ .....	69

*(CH)ONX*

Bromoamides .....	$-\text{CONHBr}$ .....	100
Chloroamides .....	$-\text{CONHCl}$ .....	102
Fluoroamides .....	$-\text{CONHF}$ .....	104
Iodoamides .....	$-\text{CONHI}$ .....	106
Haloamides .....	$-\text{CONHX}$ .....	108
Mixed .....	$-\text{CONBrCl}$ .....	115
	$-\text{CONBrF}$ .....	116
	$-\text{CONBrI}$ .....	117
	$-\text{CONClF}$ .....	118
	$-\text{CONClI}$ .....	119
	$-\text{CONFI}$ .....	120
Bromoimides .....	$-\text{C}(:\text{NBr})\text{OH}$ .....	125
Chloroimides .....	$-\text{C}(:\text{NCl})\text{OH}$ .....	126
Fluoroimides .....	$-\text{C}(:\text{NF})\text{OH}$ .....	127
Iodoimides .....	$-\text{C}(:\text{NI})\text{OH}$ .....	128
Haloimides .....	$-\text{C}(:\text{NX})\text{OH}$ .....	129

*(CH)OSX*

Sulfobromides .....	$-\text{SO}_2\text{Br}$ .....	150
Sulfochlorides .....	$-\text{SO}_2\text{Cl}$ .....	151
Sulfofluorides .....	$-\text{SO}_2\text{F}$ .....	152
Sulfoiodides .....	$-\text{SO}_2\text{I}$ .....	153
Sulfohalides .....	$-\text{SO}_2\text{X}$ .....	154

*(CH)NSX**(CH)ON*

Guanylurea derivatives .....	$\text{H}_2\text{NC}(:\text{NH})\text{NHCONH}_2$ .....	173
Carbazides .....	$\text{H}_2\text{NNHCONHNH}_2$ .....	175
Semicarbazides .....	$\text{H}_2\text{NNHCONH}_2$ .....	176
Semicarbazones .....	$=\text{NNHCONH}_2$ .....	179
Azoxy compounds .....	$-\text{NN}(:\text{O})-$ .....	182
Urea derivatives .....	$\text{H}_2\text{NCONH}_2$ .....	183
Hydrazides .....	$-\text{CONHNH}_2$ .....	184
Amides .....	$-\text{CONH}_2$ .....	185
	$-\text{CONH}-$ .....	186
	$-\text{CON}=-$ .....	187
Hydroxylamines .....	$\text{HONH}_2$ .....	188
Carbamates (urethanes) .....	$\text{H}_2\text{NCOOH}$ .....	189
Oximes .....	$=\text{NOH}$ .....	190
Nitroso compounds .....	$-\text{NO}$ .....	192
Nitrosoamines .....	$\text{H}_2\text{NNO}$ .....	194
Amine oxides .....	$\text{NO}$ .....	196
Nitroamino compounds .....	$\text{H}_2\text{NNO}_2$ .....	198
Cyanates .....	$-\text{OCN}$ .....	200
Isocyanates .....	$-\text{NCO}$ .....	201

Nitro compounds, mono-,	.....—NO <sub>2</sub>	206
di-,	.....(—NO <sub>2</sub> ) <sub>2</sub>	207
tri-,	.....(—NO <sub>2</sub> ) <sub>3</sub>	208
	.....(—NO <sub>2</sub> ) <sub>n</sub>	209
Nitrites (organic only)	.....—ONO	210
Nitrates (organic only)	.....—ONO <sub>2</sub>	211

*Heterocyclic CHON Compounds:—*

More than 6 members in ring.....	220
----------------------------------	-----

## 6 Members in ring

Oxazines (morpholine)	.....C <sub>4</sub> ON	230
Oxadiazines	.....C <sub>4</sub> ON <sub>2</sub>	231
Oxatriazines	.....C <sub>5</sub> ON <sub>2</sub>	232
Oxatetrazines	.....CON <sub>4</sub>	233
Dioxazines	.....C <sub>3</sub> O <sub>2</sub> N	234
Dioxadiazines	.....C <sub>3</sub> O <sub>2</sub> N <sub>2</sub>	235
Dioxatriazines	.....CO <sub>2</sub> N <sub>3</sub>	236
Trioxazines	.....C <sub>3</sub> O <sub>3</sub> N	237
Trioxadiazines	.....CO <sub>3</sub> N <sub>2</sub>	238
Tetroxazines	.....CO <sub>4</sub> N	239

## 5 Members in ring

Oxazoles (furomonazoles)	.....C <sub>3</sub> ON	242
Oxadiazoles (azoxime, furozan, furo (bb.) diazole)	.....C <sub>3</sub> ON <sub>2</sub>	243
Oxatriazoles	.....CON <sub>3</sub>	244
Dioxazoles	.....C <sub>2</sub> O <sub>2</sub> N	245
Dioxadiazoles	.....CO <sub>2</sub> N <sub>2</sub>	246
Trioxazoles	.....CO <sub>3</sub> N	247

## 4 Members in ring

Betaine	.....C <sub>2</sub> ON	248
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*(CH)OS*

Xanthates	.....—OCSSH	250
Sulfonic acids	.....—SO <sub>3</sub> H	258
Sulfinic acids	.....—S(:O)OH	261
Sulfones	.....—SO <sub>2</sub> —	264
Sulfoxides	.....—SO—	265
Thiolates	.....—C(:O)SH	267
Thionates	.....—C(:S)OH	269

*Heterocyclic CHOS Compounds:—*

More than 6 members in ring.....	290
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## 6 Members in ring

Oxathianes	.....C <sub>4</sub> OS	301
Oxadithianes	.....C <sub>4</sub> OS <sub>2</sub>	302
Oxatrithianes	.....C <sub>5</sub> OS <sub>2</sub>	303
Oxatetrathianes	.....COS <sub>3</sub>	304
Dioxathianes	.....C <sub>3</sub> O <sub>2</sub> S	305
Dioxadithianes	.....C <sub>3</sub> O <sub>2</sub> S <sub>2</sub>	306
Dioxatrithianes	.....CO <sub>2</sub> S <sub>3</sub>	307
Trioxathianes	.....C <sub>3</sub> O <sub>3</sub> S	308
Trioxadithianes	.....CO <sub>3</sub> S <sub>2</sub>	309
Tetroxathianes	.....CO <sub>4</sub> S	310

## 5 Members in ring

Oxathiolanes .....	$C_2OS$	315
Oxadithiolanes .....	$C_2OS_2$	316
Oxatritiolanes .....	$COS_2$	317
Dioxathiolanes .....	$C_2O_2S$	318
Dioxadithiolanes .....	$CO_2S_2$	319
Trioxathiolanes .....	$CO_3S$	320

## (CH)OX

Haloformic acid .....	$XCOOH$ (R)	328
Acylbromides .....	$-COBr$	330
Acylchlorides .....	$-COCl$	331
Acylfluorides .....	$-COF$	332
Acyliodides .....	$-COI$	333
Unspecified acylhalides .....	$-COX$	334
Iodoso compounds .....	$-IO$	340
Iodoxy compounds .....	$-IO_2$	341
Iodonium compounds .....	$=IOH$	342
Oxonium halides .....	$\equiv OX$	350

## (CH)NS

Thiuram disulfides .....	$H_2NC(:S)SSC(:S)NH_2$	360
Thiuram sulfides .....	$H_2NC(:S)SC(:S)NH_2$	365
Dithiocarbamates .....	$-SC(:S)NH_2$	370
	$-SC(:NH)SH$	373
Thiocarbazides .....	$H_2NNHCSNHNH_2$	374
Thiosemicarbazides .....	$H_2NNHCSNH_2$	375
Thioureas .....	$H_2NCSNH_2$	376
Isothioureas .....	$HSC(:NH)NH_2$	377
Thioamides .....	$-CSNH_2$	385
Thioimides .....	$-C(:NH)SH$	386
Sulfuramines .....	$-SNH_2$	390
Thiocyanates (rhodanates),		
mono-, .....	$-SCN$	401
poly-, .....	$(-SCN)_n$	402
Isothiocyanates, mono-, .....	$-NCS$	411
poly-, .....	$(-NCS)_n$	412

## Heterocyclic CHNS Compounds:—

More than 6 members in ring .....	430
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## 6 Members in ring

Thiazines .....	$C_4NS$	440
Dithiazines .....	$C_4NS_2$	441
Trithiazines .....	$C_4NS_3$	442
Tetrathiazines .....	$CNS_4$	443
Thiadiazines .....	$C_4N_2S$	444
Dithiadiazines .....	$C_4N_2S_2$	445
Trithiadiazines .....	$CN_3S_2$	446
Thiatriazines .....	$C_3N_3S$	447
Dithiatriazines .....	$CN_3S_2$	448
Thiatetrazines .....	$CNS_4$	449

## 5 Members in ring

Thiazoles .....	$C_4NS$	460
Dithiazoles .....	$C_4NS_2$	461

Trithiazoles .....	CNS <sub>3</sub> .....	462
Thiadiazoles .....	C <sub>4</sub> N <sub>2</sub> S .....	463
Dithiadiazoles .....	CN <sub>2</sub> S <sub>2</sub> .....	464
Thiatriazoles .....	CN <sub>3</sub> S .....	465

*(CH)NX*

Azohaloamides .....	XN:C(NH <sub>2</sub> )N:NC(NH <sub>2</sub> ):NX .	472
Bromoamines .....	—NHBr .....	475
Chloroamines .....	—NHCl .....	477
Fluoroamines .....	—NHF .....	479
Iodoamines .....	—NHI .....	481
Haloamines .....	—NHX .....	483
Bromochloroamines .....	—NBrCl .....	485
Bromofluoroamines .....	—NBrF .....	486
Bromiodoamines .....	—NBrI .....	487
Chlorofluoroamines .....	—NClF .....	488
Chloriodoamines .....	—NClI .....	489
Fluoriodoamines .....	—NFI .....	490
Halogen imines .....	=NX .....	494

*(CH)SX*

Sulfur bromides .....	—SBr .....	520
Sulfur chlorides .....	—SCl .....	521
Sulfur fluorides .....	—SF .....	522
Sulfur iodides .....	—SI .....	523
Sulfur halides .....	—SX .....	524

*(CH)O*

Carboxylic acids, free, mono-, .....	—COOH(M) .....	541
di-, .....	(—COOH) <sub>2</sub> .....	542
tri-, .....	(—COOH) <sub>3</sub> .....	543
.....	(—COOH) <sub>n</sub> .....	544
Carboxylic esters, mono-, .....	—COOR .....	551
di-, .....	(—COOR) <sub>2</sub> .....	552
tri-, .....	(—COOR) <sub>3</sub> .....	553
.....	(—COOR) <sub>n</sub> .....	554
Aldehydes, mono-, .....	—CHO .....	561
di-, .....	(—CHO) <sub>2</sub> .....	562
tri-, .....	(—CHO) <sub>3</sub> .....	563
.....	(—CHO) <sub>n</sub> .....	564
Ketones, mono-, .....	—CO— .....	571
di-, .....	(—CO—) <sub>2</sub> .....	572
tri-, .....	(—CO—) <sub>3</sub> .....	573
.....	(—CO—) <sub>n</sub> .....	574
Hydroxy compounds, mono-, .....	—OH .....	581
di-, .....	(—OH) <sub>2</sub> .....	582
tri-, .....	(—OH) <sub>3</sub> .....	583
.....	(—OH) <sub>n</sub> .....	584
Phenates .....	—OM .....	588
Ethers, mono-, .....	—O— .....	591
di-, .....	(—O—) <sub>2</sub> .....	592
tri-, .....	(—O—) <sub>3</sub> .....	593
.....	(—O—) <sub>n</sub> .....	594
Peroxides (organic only) .....	.....	596



*Heterocyclic CHO Compounds:—*

More than 6 members in ring.....	610
6 Members in ring	
Monoxane (pyran) .....C <sub>5</sub> O .....	620
Dioxanes .....C <sub>4</sub> O <sub>2</sub> .....	621
Trioxanes .....C <sub>3</sub> O <sub>3</sub> .....	622
5 Members in ring	
Furan .....C <sub>4</sub> O .....	625
Dioxolanes .....C <sub>3</sub> O <sub>2</sub> .....	626
4 Members in ring	
Oxetane (trimethylene oxide; propylene oxide) .....C <sub>3</sub> O .....	630
3 Members in ring	
Oxirane (ethylene oxide) .....C <sub>2</sub> O .....	632
Heterocyclic compounds containing a heteroatom in addition to O (P, B, As, etc.) in ring .....COZ .....	640

*(CH)N*

Diazoamino compounds (triazines)..HN:NNH <sub>2</sub> .....	650
Hydrazines .....H <sub>2</sub> NNH <sub>2</sub> .....	657
Hydrazones .....=NNH <sub>2</sub> .....	659
Azo, diazo compounds .....—N:N— .....	665
Biguanides .....H <sub>2</sub> NC(:NH)NHC(:NH)NH <sub>2</sub> ..	667
Guanidines .....H <sub>2</sub> NH(:NH)NH <sub>2</sub> .....	668
Cyanamides .....=NCN .....	670
Amines, primary, mono-, .....—NH <sub>2</sub> .....	671
di-, .....(—NH <sub>2</sub> ) <sub>2</sub> .....	672
tri-, .....(—NH <sub>2</sub> ) <sub>3</sub> .....	673
.....(—NH <sub>2</sub> ) <sub>n</sub> .....	674
Amines, secondary, mono-, .....—NH— .....	681
di-, .....(—NH—) <sub>2</sub> .....	682
tri-, .....(—NH—) <sub>3</sub> .....	683
.....(—NH—) <sub>n</sub> .....	684
Amines, tertiary, mono-, .....—N= .....	691
di-, .....(—N=) <sub>2</sub> .....	692
tri-, .....(—N=) <sub>3</sub> .....	693
.....(—N=) <sub>n</sub> .....	694
Quaternary ammonium compounds..N .....	696
Imines .....=NH .....	700
Nitriles (cyanides), mono-, .....—CN .....	701
di-, .....(—CN) <sub>2</sub> .....	702
tri-, .....(—CN) <sub>3</sub> .....	703
.....(—CN) <sub>n</sub> .....	704
Isonitriles (isocyanides), mono-, .....—NC .....	711
di-, .....(—NC) <sub>2</sub> .....	712
tri-, .....(—NC) <sub>3</sub> .....	713
.....(—NC) <sub>n</sub> .....	714

*Heterocyclic CHN Compounds:—*

More than 6 members in ring.....	720
6 Members in ring	
Monazine (pyridine; piperidine)..C <sub>5</sub> N .....	730
Diazines .....C <sub>4</sub> N <sub>2</sub> .....	732

Triazines .....	$C_3N_3$	733
Tetrazines .....	$C_4N_4$	734
Pentazines .....	$C_5N_5$	735
5 Members in ring		
Azoles (pyrroles; pyrrolidine) .....	$C_4N$	740
Diazoles .....	$C_3N_2$	742
Triazoles .....	$C_2N_3$	743
Tetrazoles .....	$CN_4$	744
4 Members in ring		
Azetidine .....	$C_3N$	746
Uretidine .....	$C_2N_2$	747
3 Members in ring		
Aziridine .....	$C_2N$	750
Heterocyclic compounds containing a heteroatom in addition to N (P, B, As, etc.) in ring.....	CNZ	760

## (CH)S

Thiocarbonates .....	$HSC(:S)SH$	770
Carbithionates .....	$-CSSH$	774
Sulfides (thioethers) .....	$-S-$	781
Disulfides .....	$-SS-$	782
Polysulfides .....	$-S_n-$	783
Thiols (mercaptans), mono-, .....	$-SH$	791
di-, .....	$(-SH)_2$	792
tri-, .....	$(-SH)_3$	793
.....	$(-SH)_n$	794
Thioketones .....	$-CS-$	796
Sulfurized compounds .....		800
Sulfonium compounds .....		801

*Heterocyclic CHS Compounds:—*

More than 6 members in ring.....		810
6 Members in ring		
Thiapyran .....	$C_6S$	820
Dithianes .....	$C_5S_2$	821
Trithianes .....	$C_4S_3$	822
5 Members in ring		
Thiophene .....	$C_4S$	825
Dithioles .....	$C_3S_2$	826
4 Members in ring		
Thiethane .....	$C_3S$	830
3 Members in ring		
Thiirane .....	$C_2S$	834
Heterocyclic compounds containing a heteroatom in addition to S (P, B, As, etc.).....	CSZ	839

## (CH)X

Bromides (organic only), mono-, ...	$-Br$	841
di-, .....	$(-Br)_2$	842
tri-, .....	$(-Br)_3$	843
tetra-, .....	$(-Br)_4$	844
penta-, ...	$(-Br)_5$	845
hexa-, .....	$(-Br)_6$	846
.....	$(-Br)_n$	847

Chlorides (organic only), mono-, ...—Cl .....	851
di-, .....(—Cl) <sub>2</sub> .....	852
tri-, .....(—Cl) <sub>3</sub> .....	853
tetra-, .....(—Cl) <sub>4</sub> .....	854
penta-, .....(—Cl) <sub>5</sub> .....	855
hexa-, .....(—Cl) <sub>6</sub> .....	856
.....(—Cl) <sub>n</sub> .....	857
Fluorides (organic only), mono-, ...—F .....	861
di-, .....(—F) <sub>2</sub> .....	862
tri-, .....(—F) <sub>3</sub> .....	863
tetra-, .....(—F) <sub>4</sub> .....	864
penta-, .....(—F) <sub>5</sub> .....	865
hexa-, .....(—F) <sub>6</sub> .....	866
.....(—F) <sub>n</sub> .....	867
Iodides (organic only), mono-, ...—I .....	871
di-, .....(—I) <sub>2</sub> .....	872
tri-, .....(—I) <sub>3</sub> .....	873
tetra-, .....(—I) <sub>4</sub> .....	874
penta-, .....(—I) <sub>5</sub> .....	875
hexa-, .....(—I) <sub>6</sub> .....	876
.....(—I) <sub>n</sub> .....	877
Halides (organic only), mono-, .....—X .....	881
di-, .....(—X) <sub>2</sub> .....	882
tri-, .....(—X) <sub>3</sub> .....	883
tetra-, .....(—X) <sub>4</sub> .....	884
penta-, .....(—X) <sub>5</sub> .....	885
hexa-, .....(—X) <sub>6</sub> .....	886
.....(—X) <sub>n</sub> .....	887
Halides, mixed (organic only) (iodochlorides, etc.) .....	—ICl <sub>2</sub> ; =II, etc. .... 890

## (CH)Z

Heterocyclic compounds containing a heteroatom other than O, N or S in ring.....	895
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## CH

*Cyclic Structures-Condensed Rings:—*

More than 4 condensed rings.....	900
4 condensed rings	
One or more rings containing 7 or more members.....	901
6 + 6 + 6 Membered.....	902
(Benzanthracene, benzophenanthrene, chrysene, naphthacene, pyrene, triphenylene, etc.)	
5 + 6 + 6 + 6 Membered.....	904
(Aceanthrene, benzacenaphthene, benzofluorene, chrysofluorene, cyclopentanthracene, cyclopentaphenanthrene, etc.)	
5 + 5 + 6 + 6 Membered.....	906
(Cyclopentafluorene, etc.)	
All other systems containing 4 condensed rings.....	908
3 condensed rings	
One or more rings containing 7 or more members.....	909
6 + 6 + 6 Membered.....	910
(Adamantene, anthracene, benzonaphthene, 1,4-ethanaphthalene, phenanthrene, etc.)	

5 + 6 + 6 Membered.....	912
(Acenaphthene, acenaphthylene, benzidine, fluorene, etc.)	
5 + 5 + 6 Membered.....	914
5 + 5 + 5 Membered.....	916
All other systems containing 3 condensed rings.....	920

## 2 ring systems

One or more rings containing 7 or more members.....	921
6 + 6 Membered.....	924
(Naphthalene, etc.)	
5 + 6 Membered.....	928
(Indan, indene, isoindene, etc.)	
5 + 5 Membered.....	930
(Norcamphane, etc.)	
4 + 6 Membered.....	932
(Pinene, etc.)	
All other systems containing 2 condensed rings.....	938

*Cyclic Structures—Single Rings:—*

More than 6 membered.....	940
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## 6 Membered

Benzene (fused to another cyclic structure; benz-)	950
Benzene (phenyl), mono-,.....—C <sub>6</sub> H <sub>5</sub>	951
di-, .....(—C <sub>6</sub> H <sub>4</sub> ) <sub>2</sub>	952
tri-, .....(—C <sub>6</sub> H <sub>3</sub> ) <sub>3</sub>	953
tetra-, .....(—C <sub>6</sub> H <sub>2</sub> ) <sub>4</sub>	954
.....(—C <sub>6</sub> H <sub>5</sub> ) <sub>n</sub>	955
Cyclohexadiene	956
Cyclohexene	957
Cyclohexane, mono-, .....—C <sub>6</sub> H <sub>11</sub>	961
di-, .....(—C <sub>6</sub> H <sub>10</sub> ) <sub>2</sub>	962
tri-, .....(—C <sub>6</sub> H <sub>9</sub> ) <sub>3</sub>	963
.....(—C <sub>6</sub> H <sub>11</sub> ) <sub>n</sub>	964

5 Membered	968
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(Cyclopentadiene, cyclopentene, cyclopentane, etc.)

4 Membered.....	970
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(Cyclobutane, etc.)

3 Membered.....	972
-----------------	-----

(Cyclopropane, etc.)

Aryl (unspecified)	975
--------------------	-----

*Non-Cyclic Structures:—*

C <sub>n</sub> (n = more than 20).....	980
C <sub>20</sub> .....	981
C <sub>19</sub> .....	982
C <sub>18</sub> .....	983
C <sub>17</sub> .....	984
C <sub>16</sub> .....	985
C <sub>15</sub> .....	986
C <sub>14</sub> .....	987
C <sub>13</sub> .....	988
C <sub>12</sub> .....	989
C <sub>11</sub> .....	990
C <sub>10</sub> .....	991
C <sub>9</sub> .....	992
C <sub>8</sub> - mono-, .....	993

C <sub>n</sub> poly-, .....	994
C <sub>n</sub> mono-, .....	995
C <sub>n</sub> poly-, .....	996
C <sub>n</sub> mono-, .....	997
C <sub>n</sub> poly-, .....	998
C <sub>n</sub> mono-, .....	999
C <sub>n</sub> poly-, .....	1000
C <sub>n</sub> mono-, .....	1001
C <sub>n</sub> poly-, .....	1002
C <sub>n</sub> mono-, .....	1003
C <sub>n</sub> poly-, .....	1004
C <sub>n</sub> mono-, .....	1011
C <sub>n</sub> di-, .....	1012
C <sub>n</sub> tri-, .....	1013
C <sub>n</sub> tetra-, .....	1014
C <sub>n</sub> poly-, .....	1015
C <sub>n</sub> mono-, .....	1021
C <sub>n</sub> di-, .....	1022
C <sub>n</sub> tri-, .....	1023
C <sub>n</sub> tetra-, .....	1024
C <sub>n</sub> poly-, .....	1025
Alkyl (unspecified) .....	1027

*Degree of unsaturation (aliphatic only):—*

One double bond .....	1030
Two double bonds	
Adjacent .....	1031
Conjugated .....	1032
Separate .....	1033
Three double bonds	
Conjugated .....	1035
Other .....	1036
Four double bonds	
Conjugated .....	1037
Other .....	1038
More than four double bonds.....	1039
Triple bonds—single .....	1040
Triple bonds—multiple .....	1041
R (unspecified) .....	1045

*Cations:—*

Aluminum .....	Al	1106
Ammonia .....	NH <sub>3</sub>	1108
Ammonium .....	NH <sub>4</sub>	1109
Antimony .....	Sb	
Ionic .....		1110
Organic .....		1111
Arsenic .....	As	
Ionic .....		1112
Organic .....		1113
Barium .....	Ba	1114
Beryllium .....	Be	1116
Bismuth .....	Bi	
Ionic .....		1118
Organic .....		1119
Boron .....	B	1120
Cadmium .....	Cd	1124

Calcium .....	Ca .....	1126
Carbon, inorganic .....		1128
Cerium .....	Ce .....	1130
Cesium .....	Cs .....	1132
Chromium .....	Cr .....	1136
Cobalt .....	Co .....	1138
Copper .....	Cu .....	1142
Germanium .....	Ge .....	1148
Gold .....	Au .....	1150
Iron .....	Fe .....	1162
Lanthanum .....		1164
Lead .....	Pb .....	
Ionic .....		1166
Organic .....		1167
Lithium .....	Li .....	1168
Magnesium .....	Mg .....	1172
Manganese .....	Mn .....	1174
Mercury .....	Hg .....	
Ionic .....		1176
Organic .....		1177
Molybdenum .....	Mo .....	1178
Neodymium .....		1180
Nickel .....	Ni .....	1182
Nitrogen .....	N .....	1184
Phosphorus .....	P .....	
Ionic .....		1192
Organic (phosphonium, etc.) .....		1193
Potassium .....	K .....	1196
Praseodymium .....		1198
Rubidium .....	Rb .....	1206
Selenium .....	Se .....	
Ionic .....		1212
Organic .....		1213
Silicon .....	Si .....	
Ionic .....		1214
Organic .....		1215
Silver .....	Ag .....	1216
Sodium .....	Na .....	1218
Strontium .....	Sr .....	1220
Sulfur, inorganic .....	S .....	1222
Tellurium .....	Te .....	
Ionic .....		1226
Organic .....		1227
Thallium .....	Tl .....	1228
Thorium .....		1230
Tin .....	Sn .....	
Ionic .....		1234
Organic .....		1235
Titanium .....	Ti .....	1236
Tungsten .....	W .....	1238
Uranium .....	U .....	1240
Vanadium .....	V .....	1242
Yttrium .....		1243
Zinc .....	Zn .....	1244
Zirconium .....		1245
Unspecified metal .....		1246

*Anions:—*

Aluminate .....	$-\text{AlO}_2$	1250
Antimonate .....	$-\text{SbO}_2$	1252
Arsenate, ortho-, .....	$\equiv\text{AsO}_2$	1254
Arsenate, meta-, .....	$-\text{AsO}_2$	1255
Arsenate, pyro-, .....	$\equiv\text{As}_2\text{O}_7$	1256
Arsenide .....	$\equiv\text{As}$	1258
Arsenite, ortho-, .....	$\equiv\text{AsO}_2$	1260
Arsenite, meta-, .....	$-\text{AsO}_2$	1261
Azide .....	$-(\text{N}_3)$	1264
Bismuthate .....	$-\text{BiO}_2$	1268
Borate .....	$\equiv\text{BO}_2$	1270
Borate, tetra-, .....	$-\text{B}_4\text{O}_7$	1271
Boride .....	$-(\text{B}_2)$	1272
Bromate .....	$-\text{BrO}_2$	1274
Bromide, inorganic, .....	$-\text{Br}$	1276
Bromoselenate .....	$-\text{SeBr}_2$	1278
Carbide .....	$\equiv\text{C}$	1284
Carbonate .....	$-\text{CO}_2$	1286
Chlorate .....	$-\text{ClO}_2$	1288
Chlorate, per-, .....	$-\text{ClO}_4$	1289
Chloride, inorganic, .....	$-\text{Cl}$	1291
Chlorite .....	$-\text{ClO}_2$	1293
Chlorite, hypo-, .....	$-\text{ClO}$	1294
Chromate .....	$-\text{CrO}_2$	1296
Chromate, di-, .....	$-\text{Cr}_2\text{O}_7$	1297
Chromate, per-, .....	$\equiv\text{CrO}_4$	1298
Cobalticyanide .....	$\equiv\text{Co}(\text{CN})_6$	1300
Cyanate, inorganic, .....	$-\text{OCN}$	1301
Cyanate, iso-, inorganic, .....	$-\text{NCO}$	1302
Cyanide, inorganic, .....	$-\text{CN}$	1303
Cyanide, iso-, inorganic, .....	$-\text{NC}$	1304
Cyanamide, inorganic, .....		1305
Dithionate .....	$-\text{S}_2\text{O}_6$	1306
Ferrieyanide .....	$\equiv\text{Fe}(\text{CN})_6$	1308
Ferrocyanide .....	$\equiv\text{Fe}(\text{CN})_6$	1309
Fluoroaluminate .....		1310
Fluoborate (Borofluoride) .....	$-\text{BF}_4$	1311
Fluoride, inorganic, .....	$-\text{F}$	1312
Fluosilicate (Silicofluoride) .....	$-\text{SiF}_6$	1313
Fluosulfonic acid .....		1314
Fluotitanate (Titanofluoride) .....	$-\text{TiF}_6$	1315
Fluozirconate .....	$-\text{ZrF}_6$	1317
Halide, unspecified inorganic .....		1321
Hydroxide .....	$-\text{OH}$	1325
Iodate .....	$-\text{IO}_3$	1330
Iodate, per-, .....	$-\text{IO}_4$	1331
Iodide, inorganic, .....	$-\text{I}$	1333
Manganate .....	$-\text{MnO}_2$	1337
Manganate, per-, .....	$-\text{MnO}_4$	1338
Molybdate .....	$-\text{MoO}_4$	1340
Nitrate .....	$-\text{NO}_3$	1341
Nitride, inorganic, .....	$\equiv\text{N}$	1342
Nitrite .....	$-\text{NO}_2$	1343
Nitroprusside .....	$-\text{Fe}(\text{CN})_5\text{NO}$	1345
Oxide, inorganic, .....	$-\text{O}$	1350

Peroxide		1351
Phosphate, ortho-,	$\equiv \text{PO}_4$	1356
Phosphate, meta-,	$-\text{PO}_3$	1357
Phosphate, pyro-,	$\equiv \text{P}_2\text{O}_7$	1358
Phosphate, hypo-,	$=\text{PO}_3$	1360
Phosphide	$\equiv \text{P}$	1362
Phosphite	$\equiv \text{PO}_2$	1364
Phosphite, hypo-,	$\equiv \text{PO}_2$	1365
Phosphorylamide	$-\text{O}_2\text{P}(\text{NH})_2$	1366
Phosphomolybdate		1367
Phosphotungstates		1368
Plumbate, ortho-,	$\equiv \text{PbO}_4$	1369
Plumbate, meta-,	$=\text{PbO}_3$	1370
Selenate	$=\text{SeO}_4$	1376
Selenide	$=\text{Se}$	1378
Selenite	$=\text{SeO}_3$	1380
Silicate	$=\text{SiO}_3$	1384
Silicide	$\equiv \text{Si}$	1386
Stannate	$=\text{SnO}_3$	1388
Sulfate	$=\text{SO}_4$	1389
Sulfate, per-,	$=\text{S}_2\text{O}_8$	1390
Sulfamate	$-\text{SO}_2\text{NH}_2$	1391
Sulfide, inorganic,	$=\text{S}$	1392
Sulfite,	$=\text{SO}_3$	1393
Sulfite, hypo-,	$=\text{S}_2\text{O}_4$	1394
Sulfite, pyro-, (Metabisulfite)	$=\text{S}_2\text{O}_5$	1396
Tellurate	$=\text{TeO}_4$	1400
Telluride	$=\text{Te}$	1402
Tellurite	$=\text{TeO}_3$	1404
Thioantimonate	$=\text{SbS}_4$	1408
Thioarsenate	$=\text{AsS}_4$	1410
Thioarsenite	$=\text{AsS}_3$	1412
Thiocyanate, inorganic,	$-\text{SCN}$	1405
Thiocyanate, iso-, inorganic,	$-\text{NCS}$	1406
Thiophosphates		1413
Thionates, poly-,	$=\text{S}_2\text{O}_6$	1409
Thiosulfate	$=\text{S}_2\text{O}_5$	1414
Thiocarbonate	$=\text{CS}_3$	1415
Titanate, ortho-,	$\equiv \text{TiO}_4$	1416
Titanate, meta-,	$=\text{TiO}_3$	1418
Tungstate	$=\text{WO}_4$	1420
Uranate	$=\text{UO}_4$	1426
Vanadate	$=\text{VO}_4$	1430
Zincate	$=\text{ZnO}_2$	1435
Zirconate	$=\text{ZrO}_4$	1440
Unspecified anion		1450

Reference to the code list shows that organic groups are selected first and inorganic last, this constituting the first subdivision. Compounds containing both organic and inorganic groups are then accommodated with numbers from both these large divisions.

*Organic compounds.*—For the purposes of this classification, organic groups are defined as those which contain carbon and hydrogen alone,



or in combination with one or more of the elements oxygen, nitrogen, sulfur, and the halogens.

The list of constituent organic groups is broken down into 16 divisions, based upon the number of elements present. The first division contains those constituent groups composed of all of the elements, C, H, O, N, S, and X (halogen) and each successive division includes groups of less complexity. The next four divisions thus contain the groups with five elements, (CH)ONS, (CH)ONX, (CH)OSX, and (CH)NSX. Following this are the groups with four elements, then three, and finally the hydrocarbon skeleton of the compound. This is further subdivided into carbocyclic and noncarbocyclic groups.

Parentetically it should be noted that the presence of O, N, S, or X in the constituent group determines into which division the group falls, and is thus the criterion of the complexity of the group. The carbon atom may or may not occur in each group, and if present, acts solely as a "nucleus" from which depend the other elements; hydrogen may be present coincidentally to complete the valence requirements of one or more of the elements present.

Only the parent combinations are indicated. It is understood that substitutions may, and commonly are made at one or more points in the group. For example, carbazides may have organic radicals attached in place of one or more of the six hydrogen atoms present. Metallic elements may also replace hydrogen in acid groups.

*Subclassification.*—Under each division heading are listed the various constituent groups containing these elements. While in general the whole table is arranged in order of decreasing complexity, within each division it frequently happens that groups are arranged on the basis of chemical similarity rather than actual complexity. The first numbers in each division are assigned to the noncyclic combinations, followed by the heterocyclic structures containing the elements other than carbon characteristic of the division. Many code numbers have been left unassigned, and are available for new groups which may occur in the future use of the system.

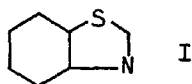
*Inorganic compounds.*—The inorganic groups are divided into those acting primarily as positive ions in water solution (cations) and those acting as negative ions (anions). Certain of the metallic elements combine with organic radicals in a carbon-to-metal linkage. Such combinations are given an "organic" code number to differentiate them from the "ionic" combinations found in inorganic salts and salts of organic acids.

*Specific instructions and conventions:—*

1) In considering a noncyclic combination of elements for classification, the largest group containing no more than isolated carbon atoms is considered as the unit. *These groups are chemical entities, and not necessarily functional groups.* It should be repeated that the largest

possible group is selected in each step of the breakdown. For example,  $-\text{CONH}_2$  is coded as amide, 185, rather than 571 and 671 both of which numbers appear later in the table than 185. Another example of this procedure is guanylurea  $=\text{NC}(:\text{NH})\text{NHCON}=\text{}$ , which is given the number 173, instead of being broken down into guanidine and amide. A careful examination of the groups listed in the table will make such decisions obvious. In groups not containing the carbon atom as an integral part thereof, the extent of the group is limited by its attachment to the carbon structure, such as  $-\text{SO}_2\text{NH}-$  in substituted sulfonamides.

2) In classifying heterocyclic structures, the monocyclic ring is the unit to be selected, regardless of size, and other rings fused or otherwise attached to the heterocyclic structure are considered separately. Examples of this are benzothiazole (I), which is coded as a 5-membered ring,  $\text{C}_5\text{NS}$  (460) and a 6-membered fused carbocyclic ring (950).

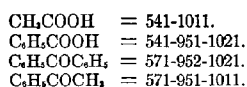


In complex heterocyclic compounds which have the heteroatom common to two or more rings, each ring is coded as though it were a separate entity, even though the common atom is considered twice. Rarely heterocyclic compounds containing an element other than O, N or S in the ring are encountered. These compounds (containing P, B, As, etc.) are grouped under numbers 640, 760, 839 or 895, depending upon the complexity of the ring.

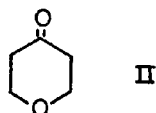
3) Noncyclic carbon chains are coded according to the total number of carbon atoms occurring together without interruption by some other element. Stated another way, the degree of branching does not affect the classification, isobutane having the same number as butane. Isolated carbon atoms occurring in a complex group are given the number of the  $\text{C}_1$  group. Thus urea is coded 183-1021.

4) It has already been mentioned that for certain classification purposes it is sometimes necessary to consider a single atom more than once. This "double coding" is done (in addition to the cases of the common heteroatom and urea mentioned above) in a number of other groups containing isolated carbon atoms. Probably the most common examples are the acid, aldehyde, and ketone groups. In these groups the carbon atom is coded as 1021 if attached only to cyclic structures, or is added to the balance of the acyclic carbon skeleton in noncyclic or mixed structures.

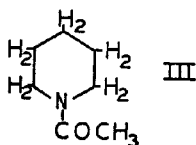
Thus we have:



When the carbon of a ketone group is an integral part of a cyclic structure, the ketone number (571) and the appropriate cyclic number are both assigned to the compound (II).



When a carbonyl group, for example, is attached to the heteroatom in a heterocyclic structure (III) a similar convention is followed:



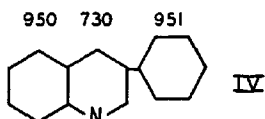
5) Quaternary ammonium compounds are coded under number 696. This number is restricted to completely substituted ammonium compounds. Thus  $\text{R-N}(\text{CH}_3)_3\text{Cl}$  is given the 696 number, while  $\text{R-NH}(\text{CH}_3)_2\text{Cl}$  is classed as an amine (681). Quaternary derivatives of N-heterocyclic compounds come under paragraph (4) above. Hydrochloride-, hydrosulfate-, and other amine and quaternary compounds are coded as inorganic chlorides, sulfates, etc., rather than as  $(\text{CH})\text{NX}$  or  $(\text{CH})\text{ONS}$  groups. The distinction is rather obvious in this case.

6) Provision is made (numbers 1030-1041) for the differentiation of saturated from unsaturated noncyclic compounds. With cyclic compounds of 6-members (cyclohexane, cyclohexadiene, and benzene) separate code numbers are assigned. Compounds like the quinones consisting of a six-membered ring with two double bonds in the ring by virtue of an attachment to an element outside the ring are considered to be benzene derivatives, rather than cyclohexadiene. In all other cyclic compounds, no distinction is made on the basis of saturation: thus pyridine and piperidine are both coded as 730, pyrrole and pyrrolidine as 740.

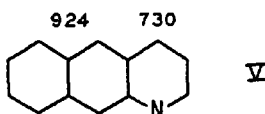
7) In several cases of the more commonly occurring groups provision is made for coding two, three, or more groups of the same kind. Triphenylbenzene, for example, is coded simply as 954. This procedure effects a more orderly arrangement of related compounds in the final classification. In these cases, the last member of each series is given the subscript *n*. This indicates either (a) a number of groups greater than the last preceding entry, or (b) an unspecified number of groups. Thus a compound containing three nitro groups is given number 208, while compounds containing four or more, or an unspecified number of nitro groups, is given number 209.

8) Organic radicals attached to multivalent inorganic ions are coded as single units, regardless of the valence of the inorganic ion. Calcium acetate,  $(\text{CH}_3\text{COO})_2\text{Ca}$ , is coded as 541-1011-1126. It should be noted that this applies only to inorganic ions, and that distinction is made between organic acids combined with metallic elements (541) and esters (551): similarly alcohols (581) and alcoholates (phenates, 588). Compounds with non-ionic inorganic atoms are coded according to the number of organic radicals present: for example, triphenyl phosphine  $(\text{C}_6\text{H}_5)_3\text{P}$  is coded 953-1193.

9) A distinction is made between benzene rings attached at one carbon atom (phenyl-, 951) and those fused to another cyclic structure at more than one carbon atom (benz-, 950). The compound given below (IV) is coded as shown.



The product of the fusion of a multiple carbocyclic system, such as naphthalene, to a heterocyclic ring is coded with the number of the carbocyclic structure to indicate the presence of this unit (V):



*Examples of coding.*—Below are given a few examples of coding. The constituent groups are separated by lines in order to make the process more easily understood.

	999		581
Isoamyl alcohol; $(\text{CH}_3)_2\text{CHCH}_2\text{CH}_2\text{OH}$ .			
	951	591	1011
Phenetole; $\text{C}_6\text{H}_5\text{O}\overline{\text{C}_2\text{H}_5}$ .			
	841	951	1021
<i>o</i> -Toluidine, 4-bromo-; $\text{Br}$		$\text{C}_6\text{H}_4$	671
		$(\text{CH}_3)$	$\text{NH}_2$
	951	186	1001
		1021	
Benzamide, <i>N</i> -butyl-; $\text{C}_6\text{H}_5\text{CONH}\overline{\text{C}_4\text{H}_9}$ .			

(Note that the amide group is coded with both 186 and 1021).

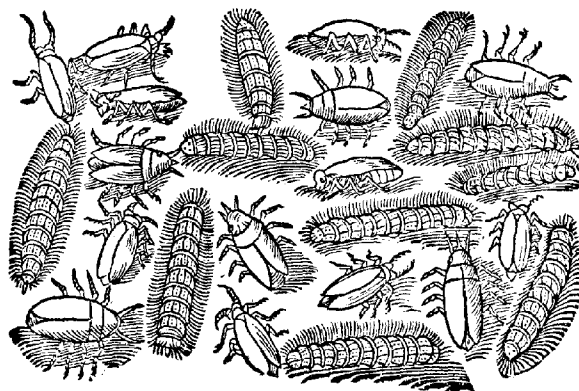
	997		179
			1021
Butyraldehyde, $\alpha$ -ethyl-, semicarbazone; $(\text{C}_2\text{H}_5)\text{CHCH}\overline{\text{NNHCONH}_2}$ .			

*Catalogue listings.*—The compounds listed in this catalogue are arranged in order of their code numbers. This results in placing together all compounds with code numbers beginning with the same constituent groups. Compounds having the same first constituent numbers are then arranged in order of their second number, etc. In locating a given compound in the catalogue, probably the easiest way is to code the compound required, and then look under that code number in the catalogue. For example, if one desires to find acetic acid, it is coded as 541-1011, and this code number is located in its proper numerical sequence. In many cases it will not be necessary to work out the complete code number for a complex compound. For example, it is relatively easy to determine by inspection which constituent group takes precedence, and to locate the compound under the proper numerical heading. *For the convenience of readers who prefer to locate compounds by name, a complete alphabetical index of all compounds is given at the end of Volume II.*

*Abbreviations, References, etc.*:—In order to conserve space, abbreviations have been used rather freely in the preparation of this catalogue. The information for each compound is given in the following order: name (according to the Chemical Abstracts system), formula, synonyms, organisms against which the compound has been tested, with results, and finally, reference numbers.

The abbreviations used throughout this catalogue are as follows, in order of their appearance: (1) CU = constitution unspecified. This is used to indicate that the name of the compound as given was not sufficiently specific to establish the exact configuration. In cases where there was considerable question concerning the identity of the compound, or when it was impossible to assign even an empirical formula, the compound was placed in the miscellaneous group at the end of the section. (2) In stating the results of the toxicity tests, ST, MT, HT and NT indicate slight toxicity (10-30%), medium toxicity (30-80%), high toxicity (above 80%), and no toxicity (below 10%), respectively. Where the authors gave no indication of the degree of toxicity, T (toxic) has been used. The concentrations of chemicals tested have been given where known; thus "HT *Sclerotinia* at 1%" indicates that the compound when tested at 1 per cent concentration was highly toxic to *Sclerotinia*.

The reference numbers refer to the alphabetical list of references given at the end of each volume. To avoid confusion, each reference has been given a separate number. However, only those references cited in this volume are listed at the end of the volume. The letter P following a reference number indicates a patent. For convenience, the patents are listed separately by countries, and by numerical order, as well as alphabetically by patentees. *An alphabetical index of all compounds appearing in both volumes is given at the end of Volume II.*



# CHEMICAL INSECTICIDES

- 3-951-1021.  
p-Toluenesulfonamide, *N*, *N*-dichloro-;  $\text{CH}_3\text{C}_6\text{H}_4\text{SO}_2\text{NCl}_2$ . (*p*-Toluene sulphodichloroamide; dichloramine T).  
Mothproofing agent; T screwworms; NT codling moth larvae. 156, 239, 1176, 1287, 1365P.
- 3-951-1021-1218.  
p-Toluenesulfonamide, *N*-chloro-, sodium salt;  $\text{CH}_3\text{C}_6\text{H}_4\text{SO}_2\text{NClNa}$ . (Chloramine T).  
MT *Aphis rumicis* and as mothproofing agent; ST codling moth larvae. 239, 1153, 1287.
- 22-230-1312.  
4-Morpholinesulfonyl fluoride;  $\text{FO}_2\text{SN}(\text{CH}_2\text{CH}_2)_2\text{O}$ . (Morpholine sulfamic acid fluorides). 344P.
- 22-551-1011-1022-1312.  
Sulfamyl fluoride, *N*-carbomethoxymethyl-*N*-methyl-;  $\text{FO}_2\text{SN}(\text{CH}_3)\text{CH}_2\text{COOCH}_3$ . (Sarcosine methyl ester of sulfamic acid fluoride). 344P.
- 22-702-1012-1312.  
Sulfamyl fluoride, *N*, *N*-bis(2-cyanoethyl)-;  $\text{FO}_2\text{SN}(\text{C}_2\text{H}_4\text{CN})_2$ . ( $\beta$ ,  $\beta'$ -Dicyanodiethylamine sulfamic acid). 344P.
- 22-730-1312.  
1-Piperidinesulfonyl fluoride;  $\text{C}_6\text{H}_{10}\text{NSO}_2\text{F}$ . (Piperidine sulfamic acid fluoride). 344P.
- 22-852-1012-1312.  
Sulfamyl fluoride, *N*, *N*-bis(2-chloroethyl)-;  $\text{FO}_2\text{SN}(\text{C}_2\text{H}_4\text{Cl})_2$ . ( $\beta$ ,  $\beta'$ -Dichlorodiethylamine sulfamic acid). 344P.
- 22-951-1011-1021-1312.  
Sulfamyl fluoride, *N*-methyl-*N*-phenethyl-;  $\text{FO}_2\text{SN}(\text{CH}_3)\text{C}_6\text{H}_4\text{C}_6\text{H}_5$ . (*N*-Methyl- $\beta$ -phenylethylamine sulfamic acid fluoride). 344P.
- 22-989-1021-1312.  
Sulfamyl fluoride, *N*-dodecyl-*N*-methyl-;  $\text{FO}_2\text{SN}(\text{CH}_3)\text{C}_{11}\text{H}_{23}$ . (Methyl dodecylamine sulfamic acid fluoride). 344P.
- 22-997-1021-1312.  
Sulfamyl fluoride, *N*-hexyl-*N*-methyl-;  $\text{CH}_3(\text{C}_6\text{H}_5)_2\text{NSO}_2\text{F}$ ? (Methylhexylamine sulfamic acid fluoride). 344P.
- 22-1027-1312.  
Sulfamyl fluoride derivatives;  $\text{RR}'\text{NSO}_2\text{F}$ . 344P.
- 43-952-1021.  
Benzamide, *N*, *N'*-thiodi-;  $\text{C}_6\text{H}_5\text{CONHSNHCOC}_6\text{H}_5$ . (Bis(benzamido) sulphide).  
NT mosquito larvae. 487.
- 52-593-951-1025.  
Isothiocyanic acid, 3, 4, 5-trimethoxybenzoyl ester?  $(\text{CH}_3\text{O})_3\text{C}_6\text{H}_2\text{CONCS}$ . (3, 4, 5-Trimethoxybenzoyl isothiocyanate).  
ST culicine mosquito larvae at 1-10,000. 172, 1178.
- 52-951-1022.  
Isothiocyanic acid, benzoyl ester;  $\text{C}_6\text{H}_5\text{CONCS}$ . (Benzoyl isothiocyanate).  
T goldfish. 295, 1178.
- 56-186-206-952-1011.  
Acetanilide, *p*-(*m*-nitrophenylsulfamyl)-;  $\text{CH}_3\text{CONHC}_6\text{H}_4\text{SO}_2\text{NHC}_6\text{H}_4\text{NO}_2$ . (*p*-Acetamino-*N*-*m*-nitrophenylbenzene sulfonamide; *N*-acetyl-*N*-*m*-nitrophenylsulfanilamide).  
ST codling moth larvae; NT screwworm larvae. 944, 1287.
- 56-186-206-952-1011.  
Acetanilide, *p*-(*o*-nitrophenylsulfamyl)-;  $\text{CH}_3\text{CONHC}_6\text{H}_4\text{SO}_2\text{NHC}_6\text{H}_4\text{NO}_2$ . (*N*-Acetyl-4-nitrosulfanilamide).  
NT codling moth larvae. 1287.
- 56-186-230-951-1011.  
Acetanilide, *p*-(4-morpholinesulfonyl)-;  $\text{CH}_3\text{CONHC}_6\text{H}_4\text{SO}_2\text{N}(\text{CH}_2\text{CH}_2)_2\text{O}$ . (*N*-(*p*-Acetaminophenylsulfonyl)-morpholine).  
MT codling moth larvae; NT as mothproofing agent. 239, 1287.
- 56-186-258-551-665-924-951-1011.  
Prontosil soluble;  $\text{CH}_3\text{CONH}(\text{SO}_2\text{Na})_2(\text{OH})\text{C}_{10}\text{H}_6\text{N}_2\text{N}=\text{NC}_6\text{H}_4\text{SO}_2\text{NH}_2$ . (7-Acetamido-1-hydroxy-2-(*p*-sulfamylphenylazo)-naphthalene-3, 6-disulfonic acid, disodium salt).  
NT codling moth larvae. 1287.
- 56-186-258-581-851-952-1011.  
1-Phenol-2-sulfonic acid, 6-(3-acetamidophenylsulfamyl)-4-chloro-;  $\text{HOCC}_6\text{H}_4(\text{Cl})[\text{SO}_2\text{NHC}_6\text{H}_4(\text{NHCOCH}_3)]\text{SO}_2\text{H}$ ? (Phenol, 4-chloro-2, 6-disulpho-3'-acetyl-amino-1'-anilide).  
T as mothproofing agent. 464P, 1176.
- 56-186-531-851-953-1012.  
1-Phenol-2, 6-disulfonamide, 3', 3''-diacetamido-4-chloro-;  $\text{Cl}(\text{OH})\text{C}_6\text{H}_3(\text{SO}_2\text{NHC}_6\text{H}_4\text{NHCOCH}_3)_2$ . (*m*-Benzene disulphonamide, 5-chloro-2-hydroxy-bis-3'-acetyl-amino; 4-chloro-1-phenol-2, 6-disulfo-bis-3'-acetyl-amido-1'-anilide).  
T as mothproofing agent. 428P, 464P, 730P, 731P, 1175, 1176, 1179.
- 56-186-552-951-983.  
Stearamide, *N*-(3, 4-dichlorophenylsulphonyl)-;  $\text{C}_{17}\text{H}_{35}\text{CONHSO}_2\text{C}_6\text{H}_3\text{Cl}_2$ . (3, 4-Dichlorobenzene sulphonostearic acid amide).  
T as mothproofing agent. 440P, 1179.
- 56-186-852-951-983-1030.  
Oleamide, *N*-(3, 4-dichlorophenylsulphonyl)-;  $\text{C}_8\text{H}_{17}\text{CH}(\text{CH}_2)_5\text{CONHSO}_2\text{C}_6\text{H}_3\text{Cl}_2$ . (3, 4-Dichlorobenzene sulphonoleic acid amide).  
T as mothproofing agent. 440P, 1179.
- 56-186-854-952-999.  
Valerianilide, 2-chloro-5-(2, 4, 5-trichlorophenylsulfamyl)-;  $(\text{Cl})_3\text{C}_6\text{H}_2\text{SO}_2\text{NHC}_6\text{H}_4\text{NHCOC}_4\text{H}_9(\text{Cl})$ . (Benzene, 1,2,5-trichloro-4-sulpho-3'-*n*-valeryl-amino-4'-chloranilide).  
T as mothproofing agent. 428P, 464P, 730P, 1175, 1176.
- 56-186-854-953-1011.  
Acetanilide, 2, 4-bis(3, 4-dichlorobenzene sulfonamido)-;  $\text{CH}_3\text{CONHC}_6\text{H}_3(\text{NHSO}_2\text{C}_6\text{H}_3\text{Cl}_2)_2$ . *m*-Phenylene diamine, 4-acetamido-*N*, *N*-bis(3, 4-dichlorophenylsulphonyl)-; bis-1, 2-dichlorobenzene-4-sulpho-1'-acetyl-amino-2', 4'-phenylenediamide; *m*-phenylenediamine, *N*<sup>1</sup>, *N*<sup>2</sup>-bis(3,4-dichlorophenylsulfonyl), 6-acetyl-amino).  
T as mothproofing agent. 464P, 731P, 1176, 1179.
- 56-186-854-953-1011.  
Acetanilide, 3, 5-bis(3, 4-dichlorobenzene sulfonamido)-;  $\text{CH}_3\text{CONHC}_6\text{H}_3(\text{NHSO}_2\text{C}_6\text{H}_3\text{Cl}_2)_2$ . (*m*-Phenylenediamine-5-acetyl-amino-*N*, *N'*-bis(3, 4-dichlorophenylsulfonyl); bis-1-2-dichlorobenzol-4-sulfo-1'-acetyl-amido-2', 4'-phenylenediamide).  
T as mothproofing agent. 428P, 730P, 1175.
- 56-186-924-951-1011.  
Acetanilide, *p*-(1-naphthylsulfamyl)-;  $\text{CH}_3\text{CONHC}_6\text{H}_4\text{SO}_2\text{NHC}_{10}\text{H}_7$ . (*N*<sup>1</sup>-Acetyl-*N*<sup>1</sup>-1-naphthylsulfanilamide).  
NT codling moth larvae. 1287.
- 56-186-952-1011.  
Acetanilide, *p*-(phenylsulfamyl)-;  $\text{CH}_3\text{CONHC}_6\text{H}_4\text{SO}_2\text{NHC}_6\text{H}_5$ . (*N*-Acetylsulfanilamide).  
NT codling moth larvae. 1287.
- 56-204-230-951-1021.  
Morpholine, 4-(2-nitro-*p*-toluenesulfonyl)-;  $\text{CH}_3\text{C}_6\text{H}_4(\text{NO}_2)\text{SO}_2\text{N}(\text{C}_6\text{H}_5\text{O})$ . (2-Nitro-*p*-toluenesulfonamorpholine).  
NT *Phlyctena rubigalis*. 949.

- 56-206-230-951-1021.  
Morpholine, 4-(3-nitro-*p*-toluenesulfonyl)-;  $\text{CH}_3\text{C}_6\text{H}_4(\text{NO}_2)\text{SO}_2\text{N}(\text{C}_6\text{H}_5)\text{O}$ . (*N*-(3-Nitro-*p*-tolylsulfonyl)-morpholine).  
ST coding moth larvae; NT as mothproofing agent. 239, 1287.
- 56-206-730-951-1021.  
Piperidine, 1-(2-nitrophenylsulfonyl)-;  $\text{CH}_3\text{C}_6\text{H}_4\text{NO}_2\text{SO}_2\text{NC}_5\text{H}_9$ . (2-Nitro-*p*-toluenesulfonyl-piperidine).  
NT *Phlyctenia rubigalis* larvae. 949.
- 56-206-924-951.  
Benzenesulfonamide, *N*-1-naphthyl-*m*-nitro-;  $\text{O}_2\text{NC}_6\text{H}_4\text{SO}_2\text{NHC}_{10}\text{H}_7$ . (*m*-Nitro-*N*-1-naphthylbenzenesulfonamide).  
ST coding moth larvae; MT as mothproofing agent. 239, 1287.
- 56-206-924-951-1021.  
*p*-Toluenesulfonamide, *N*-1-naphthyl-3-nitro-;  $\text{CH}_3\text{C}_6\text{H}_4(\text{NO}_2)\text{SO}_2\text{NHC}_{10}\text{H}_7$ .  
NT coding moth larvae and as mothproofing agent. 239, 1287.
- 56-206-951.  
Benzenesulfonamide, *m*-nitro-;  $\text{O}_2\text{NC}_6\text{H}_4\text{SO}_2\text{NH}_2$ .  
ST coding moth larvae; MT as mothproofing agent. 239, 1287.
- 56-206-951-961-1021.  
*p*-Toluenesulfonamide, *N*-cyclohexyl-2-nitro-;  $\text{CH}_3\text{C}_6\text{H}_4(\text{NO}_2)\text{SO}_2\text{NHC}_6\text{H}_{11}$ . (2-Nitro-*p*-toluenesulfonyl-cyclohexylamide).  
NT *Phlyctenia rubigalis* larvae. 949.
- 56-206-951-1001-1021.  
*p*-Toluenesulfonamide, *N*-isobutyl-2-nitro-;  $\text{CH}_3\text{C}_6\text{H}_4(\text{NO}_2)\text{SO}_2\text{NHC}_4\text{H}_9$ . (2-Nitro-*p*-toluene-*N*-isobutylsulfonamide).  
NT *Phlyctenia rubigalis* larvae. 949.
- 56-206-951-1021.  
*p*-Toluenesulfonamide, 2-nitro-;  $\text{CH}_3\text{C}_6\text{H}_4(\text{NO}_2)\text{SO}_2\text{NH}_2$ .  
NT *Phlyctenia rubigalis* larvae; ST coding moth larvae. 949, 1287.
- 56-206-951-1021.  
*p*-Toluenesulfonamide, 3-nitro-;  $\text{CH}_3\text{C}_6\text{H}_4(\text{NO}_2)\text{SO}_2\text{NH}_2$ . (3-Nitro-4-toluenesulfonamide).  
T *Cochliomyia americana* C. and P. at 0.17% and as mothproofing agent. 239, 944.
- 56-206-951-1021.  
*o*-Toluenesulfonamide, 4-nitro-;  $\text{CH}_3\text{C}_6\text{H}_4(\text{NO}_2)\text{SO}_2\text{NH}_2$ .  
NT *Phlyctenia rubigalis* larvae. 949.
- 56-206-951-1021.  
Benzenesulfonamide, *N*-methyl-*o*-nitro-;  $\text{O}_2\text{NC}_6\text{H}_4\text{SO}_2\text{NHC}_6\text{H}_5$ . (Benzenesulfonamide, *N*-methyl-2-nitro-2-nitrobenzenesulphomethylamide).  
T as mothproofing agent. 440P, 1179.
- 56-206-952.  
Benzenesulfonamide, 3-nitro-;  $\text{O}_2\text{NC}_6\text{H}_4\text{SO}_2\text{NHC}_6\text{H}_5$ . (*m*-Nitro-*N*-phenylbenzenesulfonamide).  
MT as mothproofing agent; NT coding moth larvae. 239, 1287.
- 56-206-952-1021.  
*p*-Toluenesulfonamide, 2-nitro-;  $\text{CH}_3\text{C}_6\text{H}_4(\text{NO}_2)\text{SO}_2\text{NHC}_6\text{H}_5$ .  
NT *Phlyctenia rubigalis* larvae. 949.
- 56-206-952-1021.  
*p*-Toluenesulfonamide, 3-nitro-;  $\text{CH}_3\text{C}_6\text{H}_4(\text{NO}_2)\text{SO}_2\text{NHC}_6\text{H}_5$ . (3-Nitro-*N*-phenyl-*p*-toluenesulfonamide).  
NT coding moth larvae and as mothproofing agent. 239, 1287.
- 56-206-953-1021.  
*p*-Toluenesulfonamide, 2-nitro-*N*, *N*-diphenyl-;  $\text{CH}_3\text{C}_6\text{H}_4(\text{NO}_2)\text{SO}_2\text{N}(\text{C}_6\text{H}_5)_2$ . (2-Nitro-*p*-toluenesulfonyl-diphenylamide).  
NT *Phlyctenia rubigalis* larvae. 949.
- 56-207-951-1021.  
*p*-Toluenesulfonamide, 2,6-dinitro-;  $\text{CH}_3\text{C}_6\text{H}_3(\text{NO}_2)_2\text{SO}_2\text{NH}_2$ .  
NT *Phlyctenia rubigalis* larvae. 949.
- 56-208-551-952-1021.  
*p*-Toluenesulfonamide, 2'-hydroxy-2, 3', 5'-trinitro-;  $\text{CH}_3\text{C}_6\text{H}_3(\text{NO}_2)_3\text{SO}_2\text{NHC}_6\text{H}_4\text{OH}(\text{NO}_2)_2$ . (2-Nitro-*p*-toluene-*N*-(2-hydroxy-3,5-dinitrophenyl-sulfonamide).  
MT *Phlyctenia rubigalis* larvae. 949.
- 56-230-841-951.  
Morpholine, 4-(*p*-bromophenylsulfonyl)-;  $\text{BrC}_6\text{H}_4\text{SO}_2\text{N}(\text{C}_6\text{H}_5)\text{O}$ .  
NT coding moth larvae. 1287.
- 56-230-951-1021.  
Morpholine, 4-(*p*-tolylsulfonyl)-;  $\text{CH}_3\text{C}_6\text{H}_4\text{SO}_2\text{N}(\text{C}_6\text{H}_5)\text{O}$ .  
ST coding moth larvae. 1287.
- 56-258-552-852-952.  
1-Phenol-2-sulfonic acid, 4-chloro-6-(5-chloro-2-hydroxyphenylsulfonyl)-;  $\text{HOOC}_6\text{H}_3(\text{Cl})(\text{SO}_2\text{NHC}_6\text{H}_4\text{OH})(\text{Cl})\text{OH}$ . (1-Phenol, 4-chloro-2,6-disulpho-4'-chloro-1'-hydroxy-2'-sulfonyl).  
T as mothproofing agent. 464P, 1176.
- 56-258-854-952.  
Benzenesulfonic acid, 2-chloro-5-(2, 4, 5-trichlorophenylsulfonyl)-;  $\text{Cl}_2\text{C}_6\text{H}_3\text{SO}_2\text{NHC}_6\text{H}_2(\text{Cl})\text{SO}_2\text{H}$ . (Benzenesulphonanilide, 3, 4, 6-trichloro-4'-chloro-3'-sulphonic acid; 1, 2, 5-trichlorobenzol-4-sulfo-4'-chloro-1'-anilido-3'-sulfanilide).  
T as mothproofing agent. 428P, 730P, 1175.
- 56-258-854-953-1021.  
*o*-Toluenesulfonic acid, 3, 5-bis(3, 4-dichlorophenylsulfonyl)-;  $\text{HO}_2\text{S}(\text{C}_6\text{H}_3\text{Cl}_2)_2$ . (*o*-Toluenesulphonic acid, 3, 5-diamino-*N*,*N'*-bis(3,4-dichlorophenylsulfonyl)-; bis-1, 2-dichlorobenzene-4-sulpho-2', 4'-tolenediamide-6-sulphonic acid).  
T as mothproofing agent. 428P, 464P, 731P, 1175, 1176, 1179.
- 56-258-854-954.  
3, 3'-Biphenyldisulfonic acid, 4, 4'-bis(3, 4-dichlorophenylsulfonyl)-;  $\text{Cl}_2\text{C}_6\text{H}_3\text{SO}_2\text{NHC}_6\text{H}_2(\text{SO}_2\text{H})\text{C}_6\text{H}_3(\text{SO}_2\text{H})\text{NHSO}_2\text{C}_6\text{H}_2\text{Cl}_2$ . (3, 3'-Benzidine disulfonic acid, *N*,*N'*-bis(3, 4-dichlorophenylsulfonyl)-).  
T as mothproofing agent. 428P, 464P, 730P, 1175, 1176.
- 56-541-581-851-952-1022.  
Salicylic acid, 5-chloro-3-(methylphenylsulfonyl)-;  $\text{HO}(\text{C}_6\text{H}_4)_2\text{SO}_2\text{N}(\text{CH}_3)\text{C}_6\text{H}_4\text{COOH}$ . (Salicylic acid, 5-chloro-*N*-methyl-3-sulphonanilido-; 5-chlorosalicylic acid-3-sulpho-*N*-methyl-anilide).  
T as mothproofing agent. 428P, 730P, 731P, 1175, 1179.
- 56-541-581-852-952-1021.  
Salicylic acid, 5-chloro-3-(*p*-chlorophenylsulfonyl)-;  $\text{HO}(\text{C}_6\text{H}_4)_2\text{SO}_2\text{NHC}_6\text{H}_4\text{ClCOOH}$ . (Salicylic acid, 4', 5-dichloro-3-sulphonanilido-; 5-chlorosalicylic acid-3-sulpho-4'-chloroanilide).  
T as mothproofing agent. 428P, 730P, 731P, 1175, 1179.
- 56-541-581-852-952-1021.  
Salicylic acid, 5-chloro-3-(*o*-chlorophenylsulfonyl)-;  $\text{HO}(\text{C}_6\text{H}_4)_2\text{SO}_2\text{NHC}_6\text{H}_4\text{ClCOOH}$ . (Salicylic acid, 2', 5-dichloro-3-sulphonanilido-; 5-chlorosalicylic acid-3-sulpho-2'-chloroanilide).  
T as mothproofing agent. 428P, 730P, 731P, 1175, 1179.
- 56-581-851-952.  
1-Phenol-2-sulfonamide, 4-chloro-;  $\text{HO}(\text{C}_6\text{H}_4)_2\text{SO}_2\text{NHC}_6\text{H}_4\text{Cl}$ . (*o*-Phenolsulphonanilide, 4-chloro-; 4-chloro-1-phenol-2-sulfanilide).  
T as mothproofing agent. 428P, 464P, 730P, 731P, 1175, 1176, 1179.
- 56-581-851-953.  
1-Phenol-3, 5-disulfonamide, 4-chloro-;  $(\text{Cl})(\text{OH})\text{C}_6\text{H}_3(\text{SO}_2\text{NHC}_6\text{H}_4\text{Cl})_2$ . (*m*-Benzenedisulphonanilide, 4-chloro-3-hydroxy). 32C, 1175.
- 56-581-851-953-1022.  
1-Phenol-2, 6-disulfonamide, 4-chloro-*N*,*N'*-dibenzyl-;  $\text{Cl}(\text{OH})\text{C}_6\text{H}_3(\text{SO}_2\text{NHC}_6\text{H}_4\text{C}_6\text{H}_5)_2$ . (*m*-Benzenedisulphonbenzylamide, 5-chloro 2-hydroxy; 4-chloro-1-phenol-2, 6-disulfo-bis-benzylamide).  
T as mothproofing agent. 428P, 464P, 730P, 731P, 1175, 1176, 1179.
- 56-581-852-924-951.  
1-Naphtholsulfonamide, 4, 4'-dichloro-;  $\text{HO}(\text{C}_6\text{H}_4)_2\text{SO}_2\text{NHC}_6\text{H}_4\text{Cl}$ . (Naphthalenesulphon-4'-chloroanilide, 4-chloro-2-hydroxy-; 4-chloro-1-naphthol-sulpho-4'-chloroanilide).  
T as mothproofing agent. 464P, 731P, 1176, 1179.
- 56-581-852-952.  
1-Phenol-4-sulfonamide, 2, 4'-dichloro-;  $\text{HO}(\text{C}_6\text{H}_4)_2\text{SO}_2\text{NHC}_6\text{H}_4\text{Cl}$ . (*p*-Phenolsulphonanilide, 2-chloro-4'-chloro-; 2-chloro-1-phenol-4-sulfo-4'-chloranilide).  
T as mothproofing agent. 428P, 464P, 730P, 731P, 1175, 1176, 1179.





- 50-851-951-1022.  
p-Toluenesulfonamide, 2-chloro-N-methyl-;  $\text{ClC}_6\text{H}_4(\text{CH}_3)\text{C}_6\text{H}_4\text{SO}_2\text{NHC}_6\text{H}_5$ . (Benzenesulphonamide, 2-chloro-1, 4-dimethyl-; 2-chloro-4-methylbenzenesulphomethylamide).  
T as mothproofing agent. 440P, 1179.
- 50-851-952.  
Benzenesulfonamide, 4-chloro-;  $\text{ClC}_6\text{H}_4\text{SO}_2\text{NHC}_6\text{H}_5$ . (Benzenesulphanilide, 4-chloro-).  
T as mothproofing agent. 428P, 464P, 730P, 731P, 1175, 1176, 1178, 1179.
- 50-851-952-1021.  
Benzenesulfonamide, 4-chloro-N-methyl-;  $\text{ClC}_6\text{H}_4\text{SO}_2\text{N}(\text{CH}_3)\text{C}_6\text{H}_5$ . (4-Chlorobenzenesulphomethylphenylamide).  
T as mothproofing agent. 440P, 1179.
- 50-852-861-952.  
Benzenesulfonamide, 3, 4-dichloro 4'-fluoro-;  $\text{Cl}_2\text{C}_6\text{H}_3\text{SO}_2\text{NHC}_6\text{H}_4\text{F}$ . (1, 2-Dichlorobenzene-4-sulfo-4'-fluoramide).  
T as mothproofing agent. 428P, 464P, 730P, 1175, 1176.
- 50-852-924-951.  
1-Naphthol-2-sulfonamide, 4, 4'-dichloro-;  $\text{ClC}_{10}\text{H}_7\text{SO}_2\text{NHC}_6\text{H}_4\text{Cl}$ . (1-Naphthol-2-sulphonamide, 4-chloro-4'-chloro-; 4-chloro-1-naphthol-sulfo-4'-chloranilide).  
T as mothproofing agent. 428P, 730P, 1175.
- 50-852-951.  
Benzenesulfonamide, 3, 4-dichloro-;  $\text{Cl}_2\text{C}_6\text{H}_3\text{SO}_2\text{NH}_2$ .  
T as mothproofing agent. 440P, 1179.
- 50-852-951-1001.  
Benzenesulfonamide, N-butyl-3, 4-dichloro-;  $(\text{Cl})_2\text{C}_6\text{H}_3(\text{SO}_2\text{NHC}_4\text{H}_9)$ . (3, 4-Dichlorobenzenesulphobutylamide).  
T as mothproofing agent and 20% T *Phlyctenia rubiginosa* larvae. 440P, 446P, 949, 1179.
- 50-852-951-1002.  
Benzenesulfonamide, N,N-dibutyl-3, 4-dichloro-;  $\text{Cl}_2\text{C}_6\text{H}_3\text{SO}_2\text{N}(\text{C}_4\text{H}_9)_2$ . (3, 4-Dichlorobenzenesulphodibutylamide).  
T as mothproofing agent. 440P, 1179.
- 50-852-951-1012.  
Benzenesulfonamide, 3, 4-dichloro-N,N-diethyl-;  $\text{Cl}_2\text{C}_6\text{H}_3\text{SO}_2\text{N}(\text{C}_2\text{H}_5)_2$ . (3, 4-Dichlorobenzenesulpho-diethylamide).  
T as mothproofing agent. 440P, 1179.
- 50-852-951-1021.  
Benzenesulfonamide, 3, 4-dichloro-N-methyl-;  $\text{C}_6\text{H}_4(\text{Cl})_2\text{SO}_2\text{NHC}_6\text{H}_5$ . (3, 4-Dichlorobenzenesulphomethylamide).  
T as mothproofing agent and 40% T *Phlyctenia rubiginosa*. 440P, 446P, 949, 1144, 1179.
- 50-852-951-1022.  
Benzenesulfonamide, 3, 4-dichloro-N,N-dimethyl-;  $\text{Cl}_2\text{C}_6\text{H}_3\text{SO}_2\text{N}(\text{CH}_3)_2$ . (3, 4-Dichlorobenzenesulphodimethylamide).  
T as mothproofing agent. 440P, 1179.
- 50-852-952.  
Benzenesulfonamide, 3, 4-dichloro-;  $\text{Cl}_2\text{C}_6\text{H}_3\text{SO}_2\text{NHC}_6\text{H}_5$ . (1, 2-Dichlorobenzene-4-sulfanilide).  
T as mothproofing agent. 428P, 440P, 464P, 730P, 731P, 1175, 1176, 1178, 1179.
- 50-852-952.  
Benzenesulfonamide, 3, 4'-dichloro-;  $\text{ClC}_6\text{H}_4\text{SO}_2\text{NHC}_6\text{H}_4\text{Cl}$ . (3-Chlorobenzene-sulpho-4'-chloranilide).  
T as mothproofing agent. 428P, 464P, 730P, 731P, 1175, 1176, 1178, 1179.
- 50-852-952-1021.  
Benzenesulfonamide, 3, 4-dichloro-N-methyl-;  $\text{Cl}_2\text{C}_6\text{H}_3\text{SO}_2\text{N}(\text{CH}_3)\text{C}_6\text{H}_5$ . (3, 4-Dichlorobenzenesulphomethylamide).  
T as mothproofing agent. 440P, 1179.
- 50-852-952-1021.  
o-Benzenesulfonyl fluoride, 3, 4-dichloro-;  $\text{Cl}_2\text{C}_6\text{H}_3\text{SO}_2\text{NHC}_6\text{H}_4\text{CH}_3$ . (Benzenesulphonanilide, 3, 4-dichloro-2-methyl-; 3, 4-dichlorobenzenesulpho-(2-methylphenyl)amide).  
T as mothproofing agent. 440P, 1179.
- 50-852-953.  
Benzenesulfonamide, N,N'-m-phenylenebis[4-chloro-;  $\text{C}_6\text{H}_4(\text{NHSO}_2\text{C}_6\text{H}_4\text{Cl})_2$ . (m-Phenylenediamine, N,N'-bis[4-chlorophenylsulphonyl]-; bis-4-chlorobenzene-sulpho-1',3'-phenylenediamide).  
T as mothproofing agent. 428P, 464P, 730P, 731P, 1175, 1176, 1178, 1179.
- 50-852-953-1021.  
Benzenesulfonamide, 4'-chloro-2, 5-bis[4-chlorophenylsulfonyl]-;  $\text{C}_6\text{H}_3(\text{NHSO}_2\text{C}_6\text{H}_4\text{Cl})_2\text{SO}_2\text{NHC}_6\text{H}_4\text{Cl}$ . (p-Phenylenediamine, 2-sulfo-4'-chloro anilide, N,N'-bis[4-chlorophenylsulfonyl]-bis-4-chlorobenzol-sulfo-1',4'-phenylenediamide-2'-sulfo-4'-chloro-1''-anilide). (This compound is apparently incorrectly named p-Phenylenediamine, N,N'-bis(p-chlorophenylsulfonyl)-2-(p-chlorophenylsulfonyl) in reference number 1179, page 59).  
T as mothproofing agent. 428P, 464P, 730P, 731P, 1175, 1176, 1179.
- 50-853-955.  
Benzidine, 3-amino-N,N',N''-tris(p-chlorophenylsulphonyl)-;  $\text{ClC}_6\text{H}_4\text{SO}_2\text{NHC}_6\text{H}_4\text{Cl}(\text{NHSO}_2\text{C}_6\text{H}_4\text{Cl})_3$ . (Tris-4-chlorobenzenesulpho-m-amidobenzidine).  
T as mothproofing agent. 428P, 464P, 730P, 731P, 1175, 1176, 1179.
- 50-854-924-952.  
Benzenesulfonamide, N,N'-2, 7-naphthylenebis[3, 4-dichloro-;  $\text{Cl}_2\text{C}_6\text{H}_3(\text{NHSO}_2\text{C}_6\text{H}_3\text{Cl}_2)_2$ . (2, 7-Naphthalenediamine, N,N'-bis[3, 4-dichlorophenylsulphonyl]-; bis-[1, 2-dichlorobenzene-4-sulpho-1',2'-7-naphthylenediamide).  
T as mothproofing agent. 428P, 464P, 730P, 731P, 1175, 1176, 1179.
- 50-854-952-1011.  
Benzenesulfonamide, N,N'-ethylenebis[2, 5-dichloro-;  $(-\text{CH}_2\text{NHSO}_2\text{C}_6\text{H}_3\text{Cl}_2)_2$ . (Ethylenediamine, N,N'-bis[2, 5-dichloro-phenylsulphonyl]-; bis-1, 4-dichlorobenzol-2-sulfoethylenediamide).  
T as mothproofing agent. 428P, 464P, 730P, 731P, 1175, 1176, 1179.
- 50-854-953.  
m-Benzenedisulfonamide, 2, 4', 4'', 5-tetrachloro-;  $\text{Cl}_2\text{C}_6\text{H}_3(\text{SO}_2\text{NHC}_6\text{H}_4\text{Cl})_2$ . (m-Benzenedisulphonanilide, 2, 5-dichloro-bis-4'-chloro-1, 4-dichloro-benzol-2, 6-disulfo-bis-4'-chloranilide).  
T as mothproofing agent. 428P, 464P, 730P, 731P, 1175, 1176, 1179.
- 50-854-953.  
m-Benzenedisulfonamide, 4, 4', 4'', 5-tetrachloro-;  $\text{Cl}_2\text{C}_6\text{H}_3(\text{SO}_2\text{NHC}_6\text{H}_4\text{Cl})_2$ . (m-Benzenedisulphonanilide, 4, 5-dichloro-bis-4'-chloro-1, 2-dichloro-benzol-4, 6-disulfo-bis-4'-chloranilide).  
T as mothproofing agent. 428P, 464P, 730P, 731P, 1175, 1176, 1179.
- 50-854-953.  
m-Benzenedisulfonamide, 4, 4', 4'', 6-tetrachloro-;  $\text{Cl}_2\text{C}_6\text{H}_3(\text{SO}_2\text{NHC}_6\text{H}_4\text{Cl})_2$ . (m-Benzenedisulphonanilide, 4, 6-dichloro-bis-4'-chloro-1, 3-dichloro-benzol-4, 6-disulfo-bis-4'-chloranilide).  
T as mothproofing agent. 428P, 464P, 730P, 731P, 1175, 1176, 1179.
- 50-854-953.  
Benzenesulfonamide, N,N'-m-phenylenebis[2, 4-dichloro-;  $\text{C}_6\text{H}_4(\text{NHSO}_2\text{C}_6\text{H}_3\text{Cl}_2)_2$ . (m-Phenylenediamine, N,N'-bis[2, 4-dichlorophenylsulphonyl]-; bis-(1',3'-dichlorobenzene-4'-sulpho)-1, 3-phenylenediamide).  
T as mothproofing agent. 428P, 464P, 730P, 731P, 1175, 1176, 1179.
- 50-854-953.  
Benzenesulfonamide, N,N'-m-phenylenebis[3, 4-dichloro-;  $\text{C}_6\text{$

- chloro-;  $\text{C}_6\text{H}_4(\text{NHSO}_2\text{C}_6\text{H}_4\text{Cl})_2$ . (*m*-Phenylenediamine, *N,N'*-bis(3, 4-dichlorophenylsulphonyl)-; bis-1, 2-dichlorobenzene-4-sulpho-1', 3'-phenylenediamide).  
T as mothproofing agent. 428P, 464P, 730P, 731P, 1175, 1176, 1179.
- 56-854-953.  
Benzenesulfonamide, *N,N'*-*o*-phenylenebis(3, 4-dichloro-;  $\text{C}_6\text{H}_4(\text{NHSO}_2\text{C}_6\text{H}_3\text{Cl}_2)_2$ . (*o*-Phenylenediamine, *N,N'*-bis(3, 4-dichlorophenylsulphonyl)-; bis-1, 2-dichlorobenzene-4-sulpho-1', 2'-phenylenediamide).  
T as mothproofing agent. 464P, 731P, 1176, 1179.
- 56-854-953.  
Benzenesulfonamide, *N,N'*-*p*-phenylenebis(3, 4-dichloro-;  $\text{C}_6\text{H}_4(\text{NHSO}_2\text{C}_6\text{H}_3\text{Cl}_2)_2$ . (*p*-Phenylenediamine, *N,N'*-bis(3, 4-dichlorophenylsulphonyl)-; bis-1, 2-dichlorobenzene-4-sulpho-1', 4'-phenylenediamide).  
T as mothproofing agent. 428P, 464P, 730P, 731P, 1175, 1176, 1179.
- 56-854-953.  
Benzenesulfonamide, 3'-phenylsulfamyl-2; 4, 4', 5-tetrachloro-;  $\text{Cl}_3\text{C}_6\text{H}_4\text{SO}_2\text{NHC}_6\text{H}_4(\text{Cl})\text{SO}_2\text{NHC}_6\text{H}_4$ . (Benzenesulphonamide, 2, 4, 5, 4'-tetrachloro-3'-sulphonanilido-; 1, 2, 5-trichlorobenzene-4-sulpho-4'-chloro-1'-anilido-3'-sulphonanilide).  
T as mothproofing agent. 731P, 1179.
- 56-854-953-1021.  
Benzenesulfonamide, *N,N'*-2, 4-tolylenebis(2, 5-dichloro-;  $\text{CH}_3\text{C}_6\text{H}_3(\text{NHSO}_2\text{C}_6\text{H}_3\text{Cl}_2)_2$ . (2, 4-Tolylene diamine, *N,N'*-bis(2, 5-dichlorophenylsulphonyl)-; bis-1, 4-dichlorobenzene-2-sulpho-2', 4'-tolylene diamide).  
T as mothproofing agent. 428P, 464P, 730P, 731P, 1175, 1176, 1179.
- 56-854-953-1021.  
Benzenesulfonamide, 3'-benzylsulfamyl-2, 4, 4', 5-tetrachloro-;  $(\text{Cl})_3\text{C}_6\text{H}_3\text{SO}_2\text{NHC}_6\text{H}_4(\text{Cl})\text{SO}_2\text{NHC}_6\text{H}_4$ . (Benzene, 1,2,5-trichloro-4-sulpho-4'-chloro-1'-anilido-3'-sulpho-phenylmethylanilide).  
T as mothproofing agent. 464P, 1176.
- 56-854-954.  
Benzenesulfonamide, *N,N'*-*p*-biphenylenebis(2, 5-dichloro-;  $\text{Cl}_2\text{C}_6\text{H}_3\text{SO}_2\text{NHC}_6\text{H}_4\text{C}_6\text{H}_4\text{NHSO}_2\text{C}_6\text{H}_3\text{Cl}_2$ . (Benzidine, *N,N'*-bis(2, 5-dichlorophenylsulphonyl)-; bis-1, 4-dichlorobenzol-2-sulfo benzidine).  
T as mothproofing agent. 428P, 464P, 730P, 1175, 1176.
- 56-855-953.  
Benzenesulfonamide, 3'-(3, 4-dichlorophenylsulfonamido)-2, 4, 5-trichloro-;  $\text{C}_6\text{H}_3(\text{NHSO}_2\text{C}_6\text{H}_3\text{Cl}_2)_2$ . (*m*-Phenylenediamine, *N*-(2, 4, 5-trichlorophenylsulphonyl)-*N'*-(3, 4-dichlorophenylsulphonyl)-; (1, 2, 5-trichlorobenzene-4-sulpho)-(1', 2'-dichloro-benzene-4'-sulpho)-1', 3', -phenylenediamide).  
T as mothproofing agent. 428P, 464P, 730P, 731P, 1175, 1176, 1179.
- 56-855-953.  
Benzenesulfonamide, 4-chloro-*N,N'*-*m*-phenylenebis(3, 4-dichloro-;  $\text{Cl}_2\text{C}_6\text{H}_3(\text{NHSO}_2\text{C}_6\text{H}_3\text{Cl}_2)_2$ . (*m*-Phenylenediamine, *N,N'*-bis(3, 4-dichlorophenylsulphonyl)-4-chloro-; bis-1, 2-dichlorobenzene-4-sulpho-4'-chloro-1', 3'-phenylenediamine).  
T as mothproofing agent. 428P, 730P, 731P, 1175, 1179.
- 56-856-953.  
Benzenesulfonamide, *N,N'*-*m*-phenylenebis(2, 4, 5-trichloro-;  $\text{C}_6\text{H}_3(\text{NHSO}_2\text{C}_6\text{H}_3\text{Cl}_2)_2$ . (*m*-Phenylenediamine, *N,N'*-bis(2, 4, 5-trichlorophenylsulphonyl)-; bis-1, 2, 5-trichlorobenzene-4-sulpho-1', 3'-phenylenediamide).  
T as mothproofing agent. 428P, 464P, 730P, 731P, 1175, 1176, 1179.
- 56-887-1027.  
Acylaminosulphonic acids, halogen-containing.  
T as mothproofing agents. 901P.
- 56-924.  
2-Naphthalenesulfonamide;  $\text{C}_{10}\text{H}_7\text{SO}_2\text{NH}_2$ .  
ST codling moth larvae. 1287.
- 56-924-951.  
2-Naphthalenesulfonamide;  $\text{C}_{10}\text{H}_7\text{SO}_2\text{NHC}_6\text{H}_5$ . (*N*-Phenyl-2-naphthalenesulfonamide).  
ST codling moth larvae. 1287.
- 56-924-952.  
2, 6-Naphthalenedisulphonanilide;  $\text{C}_{10}\text{H}_6(\text{SO}_2\text{NHC}_6\text{H}_5)_2$ . (Naphthalin-2, 6-disulfo-anilide).  
T as mothproofing agent. 428P, 464P, 730P, 731P, 1175, 1176, 1179.
- T as mothproofing agent. 428P, 464P, 730P, 731P, 1175, 1176, 1179.
- 56-924-1012.  
2-Naphthalenesulfonamide, *N,N*-diethyl-;  $\text{C}_{10}\text{H}_7\text{SO}_2\text{N}(\text{C}_2\text{H}_5)_2$ .  
ST codling moth larvae. 1287.
- 56-951.  
Benzenesulfonamide;  $\text{C}_6\text{H}_5\text{SO}_2\text{NH}_2$ . (Benzenesulfonic amide).  
NT codling moth larvae. 915, 1432.
- 56-951-993-1021.  
*p*-Toluenesulfonamide, *N*-octyl-;  $\text{CH}_3\text{C}_6\text{H}_4\text{SO}_2\text{NHC}_8\text{H}_{17}$ .  
NT Japanese beetle. 496, 1432.
- 56-951-1001-1021.  
*p*-Toluenesulfonamide, *N*-butyl-;  $\text{CH}_3\text{C}_6\text{H}_4\text{SO}_2\text{NHC}_4\text{H}_9$ .  
MT as mothproofing agent; NT codling moth larvae. 239, 1287.
- 56-951-1011-1021.  
*p*-Toluenesulfonamide, *N*-ethyl-;  $\text{CH}_3\text{C}_6\text{H}_4\text{SO}_2\text{NHC}_2\text{H}_5$ .  
MT as mothproofing agent; NT codling moth larvae. 239, 1287.
- 56-951-1021.  
*p*-Toluenesulfonamide;  $\text{CH}_3\text{C}_6\text{H}_4\text{SO}_2\text{NH}_2$ .  
MT as mothproofing agent; 31.2% T codling moth larvae; NT *Phlyctenia rubiginosa* larvae. 239, 915, 949, 1287, 1432.
- 56-951-1022.  
*p*-Toluenesulfonamide, *N*-methyl-;  $\text{CH}_3\text{C}_6\text{H}_4\text{SO}_2\text{NHCH}_3$ .  
MT as mothproofing agent; NT codling moth larvae. 239, 1287.
- 56-951-1023.  
*p*-Toluenesulfonamide, *N,N*-dimethyl-;  $\text{CH}_3\text{C}_6\text{H}_4\text{SO}_2\text{N}(\text{CH}_3)_2$ .  
T as mothproofing agent; NT codling moth larvae. 239, 1287.
- 56-952-1021.  
*p*-Toluenesulfonamide;  $\text{CH}_3\text{C}_6\text{H}_4\text{SO}_2\text{NHC}_6\text{H}_5$ .  
MT as mothproofing agent; NT *Bombyx mori* larvae. 559, 944, 1287, 1432.
- 56-952-1022.  
*p*-Toluenesulfonamide, *N*-methyl-;  $\text{CH}_3\text{C}_6\text{H}_4\text{SO}_2\text{N}(\text{CH}_3)\text{C}_6\text{H}_5$ .  
MT as mothproofing agent; ST codling moth larvae. 239, 915, 1287, 1432.
- 56-952-1022.  
*p*-Toluenesulfonamide, *N*-phenyl-;  $\text{CH}_3\text{C}_6\text{H}_4\text{SO}_2\text{NHC}_6\text{H}_5$ .  
MT as mothproofing agent; NT codling moth larvae. 239, 1287, 1432.
- 56-952-1022.  
Di-*p*-toluenesulfonamide;  $\text{NH}(\text{SO}_2\text{C}_6\text{H}_4\text{CH}_3)_2$ .  
MT codling moth larvae. 915, 1432.
- 56-952-1023.  
*p*-Toluenesulfonamide, *N*-methyl-;  $\text{CH}_3\text{C}_6\text{H}_4\text{SO}_2\text{N}(\text{CH}_3)\text{C}_6\text{H}_5$ . (*N*-Methyl-*N*-*p*-tolyl-*p*-toluenesulfonamide).  
NT codling moth larvae and as mothproofing agent. 239, 915, 1287, 1432.
- 56-953-1021.  
*p*-Toluenesulfonamide, *N*-phenyl-;  $\text{CH}_3\text{C}_6\text{H}_4\text{SO}_2\text{N}(\text{C}_6\text{H}_5)_2$ . (*p*-Toluenesulfonodiphenylamide).  
NT *Phlyctenia rubiginosa* larvae. 949.
- 56-975.  
Sulphonamides, aryl-  
T as mothproofing agent. 440P, 446P, 456P, 1179.
- 57-952-1022.  
Sulfamide, *N,N'*-di-*p*-tolyl-;  $(\text{CH}_3\text{C}_6\text{H}_4\text{NH})_2\text{SO}_2$ . (Sulfone, *N,N'*-bis(*p*-toluino)-).  
MT codling moth larvae. 915, 1432.
65.  
Sulfamic acid derivatives;  $\text{RNHSO}_3\text{H}$ . 344P, 1432.
- 65-952-1114.  
Sulfamic acid, *N,N*-diphenyl-, barium salt?  $(\text{C}_6\text{H}_5)_2\text{NSO}_3)_2\text{Ba}$ . (Barium diphenylamine sulfonate).  
NT firebrat. 1145.
- 102-853-951-1011.  
Acetanilide, 2, 4, 6-*N*-tetrachloro-;  $\text{Cl}_3\text{C}_6\text{H}_3\text{N}(\text{Cl})\text{COCH}_3$ . (2, 4, 6-Trichlorophenyl acetyl chloramine).  
T tent caterpillar at 1.0%. 119.

- 102-952-1021.  
Formamide,  $\alpha$ -chloro-*N,N*-diphenyl-;  $C_6H_5N(COCl) \cdot C_6H_5$ . (*N,N*-Diphenyl chloroformamide).  
HT greenhouse red spider at 4%; ST codling moth larvae at 4%. 915, 1481.
- 151-206-951.  
Benzenesulfonyl chloride, *m*-nitro-;  $C_6H_4(NO_2) \cdot SO_2Cl$ .  
NT screwworms. 156.
- 151-207-951-1021.  
*p*-Toluenesulfonyl chloride, 2, 6-dinitro-;  $CH_3C_6H_3(NO_2)_2SO_2Cl$ .  
MT *Phlyctenia rubigalis* larvae. 949, 1144.
- 151-552-951-1000-1022.  
Phthalic acid, 4-chlorosulfonyl-, amyl ester;  $ClSO_2 \cdot C_6H_3(COOC_5H_{11})_2$ ? (Phthalic acid, 4-chlorosulpho-, amyl ester).  
T as mothproofing agent. 550P, 1179, 1335P, 1336P.
- 151-841-951.  
Benzenesulfonyl chloride, *p*-bromo-;  $BrC_6H_4SO_2Cl$ . (*p*-Bromobenzene sulfochloride).  
ST codling moth larvae. 915.
- 151-910.  
Anthracenesulphonyl chloride, CU;  $C_{14}H_9SO_2Cl$ .  
T as mothproofing agent. 474P, 1176.
- 151-924.  
2-Naphthalenesulfonyl chloride;  $C_{10}H_7SO_2Cl$ . (Naphthalene- $\beta$ -sulfonyl chloride).  
T Japanese beetle; ST screwworms at 0.67%. 156, 494, 1178.
- 151-924.  
Naphthalenesulfonyl chloride, CU;  $C_{10}H_7SO_2Cl$ .  
T as mothproofing agent. 474P, 1176.
- 151-924.  
1, 5-Naphthalenedisulfonyl chloride;  $C_{10}H_6(SO_2Cl)_2$ .  
T as mothproofing agent. 474P, 1176.
- 151-924.  
2, 6-Naphthalenedisulfonyl chloride;  $C_{10}H_6(SO_2Cl)_2$ . (Naphthalene, 2-6-disulfochloride).  
NT culicine mosquito larvae. 172, 1178.
- 151-924.  
2, 7-Naphthalenedisulfonyl chloride;  $C_{10}H_6(SO_2Cl)_2$ .  
NT culicine mosquito larvae. 172, 1178.
- 151-951-1021.  
*p*-Toluenesulfonyl chloride;  $CH_3C_6H_4SO_2Cl$ . (*p*-Toluenesulfone chloride).  
HT *Plodia* larvae; T as mothproofing agent; NT *Sitophilus oryza*, *Sitophilus granarius*, *Tribolium*, and *P. rapae*. 474P, 635, 1042, 1176, 1178.
- 151-1001.  
1-Butanesulfonyl chloride;  $CH_3CH_2CH_2CH_2SO_2Cl$ .  
NT *Sitophilus oryza*. 1178, 1180.
- 151-1045.  
Sulfonylchlorides, CU.  
T as mothproofing agent. 474P, 1176.
- 152-924.  
1, 5-Naphthalenedisulfonyl fluoride;  $C_{10}H_6(SO_2F)_2$ .  
T as mothproofing agent. 475P, 1176.
- 152-951-1021.  
*p*-Toluenesulfonyl fluoride;  $CH_3C_6H_4SO_2F$ .  
T as mothproofing agent. 475P, 1176.
- 152-975.  
Aryl sulfonyl fluorides, CU;  $RSO_2F$ . (Fluorosulphonates, aryl-).  
T as mothproofing agent. 825P, 1175.
- 152-1021.  
Methane sulfonyl fluoride;  $H_3CSO_2F$ . 393P, 1432.
- 152-1027.  
Aliphatic sulfonyl fluorides, CU. 393P, 1432.
- 152-1045.  
Sulfonyl fluorides, CU. (Sulpho fluorides). 475P, 1176.
- 173-1022.  
Urea, guanyl-,  $H_2NC(:NH)NHCONH_2$ . (Dicyanodiamidine).  
NT codling moth. 915.
- 173-1022-1389.  
Urea, guanyl-, sulfate;  $H_2NC(:NH)NHCONH_2H_2SO_4$ ? (Dicyanodiamidine sulfate).  
NT mosquito larvae and codling moth. 172, 915.
- 175-952-1021.  
Carbohydrazide, 1, 5-diphenyl-;  $(C_6H_5NHNH)_2CO$ . (1, 5-Diphenyl carbazide; *s*-diphenylcarbazine).  
NT screwworms. 156.
- 176-951-1021.  
Semicarbazide, 1-phenyl-;  $C_6H_5NNHCONH_2$ . (1-Carbamyl-2-phenylhydrazine).  
ST *Bombyx mori* larvae; NT *Culex quinquefasciatus* larvae. 157, 559.
- 176-952-1021.  
Semicarbazide, 1, 4-diphenyl-;  $C_6H_5NNHCONHC_6H_5$ .  
HT *Lepidoptera*, *Coleoptera*, *Isoptera*, and *Orthoptera*; T corn borer, Southern beet webworm, *Culex quinquefasciatus*, and silkworm larvae; NT roaches, cabbage looper, cross-striped cabbage worm, and imported cabbage worm. 157, 513, 559, 587, 1312.
- 176-952-1021.  
Semicarbazide, 4, 4-diphenyl-;  $(C_6H_5)_2NCONHNH_2$ .  
T as mothproofing agent. 239, 915.
- 176-952-1022.  
Semicarbazide, 1-phenyl-4-*o*-tolyl-;  $C_6H_5NNHCONHC_6H_4CH_3$ .  
T European corn borer. 1122.
- 179-541-999-1021.  
Levulinic acid, semicarbazone;  $CH_3C(NNHCONH_2) \cdot CH_2CH_2COOH$ .  
NT corn borer and as mothproofing agent. 239, 1120.
- 179-551-1001-1011-1021.  
Acetoacetic acid, ethyl ester, semicarbazone;  $CH_3C(NNHCONH_2)CH_2COOC_2H_5$ .  
NT corn borer and as mothproofing agent. 239, 1120.
- 179-571-952-1011-1021.  
Benzil monosemicarbazone;  $C_6H_5COC(C_6H_5)NNHCONH_2$ .  
ST corn borer and as mothproofing agent. 239, 1120.
- 179-581-591-951-1023.  
Vanillin semicarbazone;  $CH_3OC_6H_3(OH)CHNNECO \cdot NH_2$ .  
NT corn borer and as mothproofing agent. 239, 1120.
- 179-581-951-1011-1021.  
Acetophenone, *p*-hydroxy-, semicarbazone;  $HOC_6H_4 \cdot C(NNHCONH_2)CH_3$ .  
NT *Culex quinquefasciatus*. 157.
- 179-581-951-1022.  
Salicylaldehyde semicarbazone;  $HOC_6H_4CHNNECO \cdot NH_2$ .  
NT corn borer and as mothproofing agent. 239, 1120.
- 179-592-951-1023-1030.  
*o*-Veratraldehyde semicarbazone;  $(CH_3O)_2 \cdot C_6H_3CH \cdot NNHCONH_2$ .  
NT European corn borer. 1122.
- 179-625-1022.  
2-Furaldehyde semicarbazone;  $(C_4H_3O)CHNNECO \cdot NH_2$ .  
ST codling moth larvae and as mothproofing agent. 239, 1285.
- 179-626-950-1022.  
Piperonal semicarbazone;  $(CH_3O)_2C_6H_3CHNNECO \cdot NH_2$ .  
NT corn borer and as mothproofing agent. 239, 1120.
- 179-671-952-1022.  
Benzophenone, *p*-amino-, semicarbazone;  $C_6H_5C(NNHCONH_2)C_6H_4NH_2$ .  
NT corn borer. 1120.
- 179-851-951-1011-1021.  
Acetophenone, *p*-chloro-, semicarbazone;  $ClC_6H_4C(CH_3)NNHCONH_2$ .  
T as mothproofing agent; MT corn borer and codling moth; NT screwworms. 239, 944, 1120, 1285.
- 179-851-951-1022.  
Benzaldehyde, *o*-chloro-, semicarbazone;  $ClC_6H_4CH \cdot NNHCONH_2$ .  
NT corn borer and as mothproofing agent. 239, 1120.
- 179-852-951-1011-1021.  
Acetophenone, 3, 4-dichloro-, semicarbazone;  $Cl_2C_6H_3C(CH_3)NNHCONH_2$ .  
ST corn borer and as mothproofing agent. 239, 1120.
- 179-951-1003-1021-1030.  
Cinnamaldehyde semicarbazone;  $C_6H_5CHCHCHNNECO \cdot NH_2$ .  
NT *Cochliomyia americana* C and P and *Culex quinquefasciatus* larvae. 157, 944.
- 179-951-1011-1021.  
Acetophenone semicarbazone;  $C_6H_5C(NNHCONH_2) \cdot CH_3$ .  
MT corn borer; ST as mothproofing agent. 239, 1120.

- 179-951-1011-1022.  
Acetophenone, *p*-methyl-, semicarbazone;  $\text{CH}_3\text{C}_6\text{H}_4\text{-C}(\text{CH}_3)\text{NNHCONH}_2$ .  
MT corn borer; ST *Culex quinquefasciatus*; NT as mothproofing agent. 157, 239, 1120.
- 179-951-1022.  
Benzaldehyde semicarbazone;  $\text{C}_6\text{H}_5\text{CHNNHCONH}_2$ .  
T corn borer and codling moth larvae; ST as mothproofing agent; NT *Culex quinquefasciatus* larvae. 157, 239, 487, 1120, 1291.
- 179-952-1022.  
Benzophenone semicarbazone;  $(\text{C}_6\text{H}_5)_2\text{CNNHCONH}_2$ .  
T as mothproofing agent; ST corn borer. 239, 1120.
- 179-961-1021.  
Cyclohexanone semicarbazone;  $\text{C}_6\text{H}_{10}\text{:NNHCONH}_2$ .  
NT corn borer. 1120.
- 179-961-1022.  
Cyclohexanone, 2-methyl-, semicarbazone;  $\text{C}_6\text{H}_9\text{-(CH}_3\text{):NNHCONH}_2$ .  
NT European corn borer. 1122.
- 179-961-1022.  
Cyclohexanone, 4-methyl-, semicarbazone;  $\text{C}_6\text{H}_9\text{-(CH}_3\text{)-NNHCONH}_2$ .  
NT European corn borer. 1122.
- 179-968-1021.  
Cyclopentanone semicarbazone;  $\text{C}_5\text{H}_8\text{(NNHCONH}_2\text{)}$ .  
T screwworms; NT codling moth, corn borer, and as mothproofing agent. 239, 944, 1120, 1285.
- 179-992-1021.  
4-Heptanone, 2, 6-dimethyl-, semicarbazone;  $[\text{CH}_3\text{-CH}(\text{CH}_3)\text{CH}_2]_2\text{CNNHCONH}_2$ .  
ST corn borer, mosquito larvae, and as mothproofing agent. 157, 239, 1120.
- 179-993-1021.  
2-Octanone semicarbazone;  $\text{CH}_3(\text{CH}_2)_6\text{C}(\text{CH}_3)\text{NNHCONH}_2$ .  
NT codling moth larvae, corn borer, and as mothproofing agent. 239, 1120, 1285.
- 179-995-1021.  
2-Heptanone semicarbazone;  $\text{CH}_3(\text{CH}_2)_4\text{C}(\text{CH}_3)\text{NNHCONH}_2$ .  
ST as mothproofing agent; NT corn borer. 239, 1120.
- 179-995-1021.  
2-Pentanone, 2, 4-dimethyl-, semicarbazone;  $[(\text{CH}_3)_2\text{CH}]_2\text{CNNHCONH}_2$ .  
ST as mothproofing agent; NT corn borer. 239, 1120.
- 179-997-1021.  
Butyraldehyde,  $\alpha$ -ethyl-, semicarbazone;  $(\text{C}_2\text{H}_5)_2\text{CH-CHNNHCONH}_2$ .  
NT corn borer, *Culex quinquefasciatus*, and as mothproofing agent. 157, 239, 1120.
- 179-997-1021.  
2-Pentanone, 4-methyl-, semicarbazone;  $(\text{CH}_3)_2\text{CH-CH}_2\text{C}(\text{CH}_3)\text{NNHCONH}_2$ . (4-Methyl-2-pentanone semicarbazone).  
NT corn borer and as mothproofing agent. 239, 1120.
- 179-997-1022.  
2, 5-Hexanedione disemicarbazone;  $[\text{CH}_3\text{C}(\text{NNHCONH}_2)\text{CH}_2]_2$ . (Acetylacetone disemicarbazone).  
NT *Culex quinquefasciatus* larvae, corn borer, and as mothproofing agent. 157, 239, 1120.
- 179-999-1021.  
2-Pentanone semicarbazone;  $\text{CH}_3\text{C}(\text{NNHCONH}_2)\text{C}_2\text{H}_5$ .  
Hr. (Methylpropyl ketone semicarbazone).  
T *Cochliomyia americana* C and P at 0.17%; ST as mothproofing agent. 239, 944, 1120.
- 179-1001-1021.  
2-Butanone semicarbazone;  $\text{C}_2\text{H}_5\text{C}(\text{NNHCONH}_2)\text{-CH}_3$ . (Ethylmethyl ketone semicarbazone).  
T *Cochliomyia americana* C and P at 0.67%; ST corn borer and as mothproofing agent. 239, 944, 1120.
- 179-1001-1021-1030.  
Crotonaldehyde semicarbazone;  $\text{CH}_3\text{CHCHCHNNHCONH}_2$ .  
T *Cochliomyia americana* C and P at 0.10%; ST as mothproofing agent; NT *Culex quinquefasciatus* and corn borer. 157, 239, 944, 1120.
- 179-1003-1021.  
Acetone semicarbazone;  $(\text{CH}_3)_2\text{CNNHCONH}_2$ . (2-Propanone semicarbazone).  
T Southern beet webworm, Hawaiian beet webworm, melon worm, greenhouse leaf tier, diamondback moth, and roaches; HT silkworms; MT codling moth and imported cabbage worm. 156, 589, 1291, 1312, 1328.
- 179-1045.  
Semicarbazones, CU.  
T Southern beet webworm, melon worm, and diamondback moth. 1312.
- 182-207-952.  
Azoxybenzene, 4, 4'-dinitro-;  $(\text{O}_2\text{NC}_6\text{H}_4\text{N})_2\text{O}$ .  
T screwworms; ST greenhouse red spider at 4%; NT bean aphid at 4%. 156, 1481.
- 182-542-952-1022.  
Benzoic acid, *p,p'*-azoxybis-;  $\text{C}_6\text{H}_5\text{COOH}(\text{NON})\text{C}_6\text{H}_5\text{COOH}$ . (*p*-Azoxybenzoic acid).  
ST screwworms at 0.07%. 156.
- 182-852-952.  
Azoxybenzene, *p,p'*-dichloro-;  $\text{ClC}_6\text{H}_4(\text{NON})\text{C}_6\text{H}_4\text{Cl}$ .  
NT mosquito larvae. 156, 487.
- 182-872-952.  
Azoxybenzene, *p,p'*-diiodo-;  $(\text{IC}_6\text{H}_4\text{N})_2\text{O}$ .  
MT corn borer. 110, 1120, 1123.
- 182-924.  
Naphthalene, 1,1'-azoxydi-;  $(\text{C}_{10}\text{H}_7\text{N})_2\text{O}$ .  
NT southern army worm at 4%. 1481.
- 182-952.  
Azoxybenzene;  $(\text{C}_6\text{H}_5\text{N})_2\text{O}$ . (Azoxybenzide).  
T codling moth, southern army worm, and T screwworms at 0.03-0.05%; MT corn borer. 156, 915, 1120, 1481.
- 183-551-1001-1021.  
Allophanic acid, butyl ester;  $\text{NH}_2\text{CONHCOOC}_4\text{H}_9$ .  
NT mosquito larvae. 487.
- 183-551-1003-1021.  
Allophanic acid, isopropyl ester;  $\text{NH}_2\text{CONHCOOC}_3\text{H}_7$ . (Isopropyl allophanate).  
HT codling moth larvae. 1291.
- 183-551-1011-1022.  
Allophanic acid, ethyl ester;  $\text{NH}_2\text{CONHCOOC}_2\text{H}_5$ . (Ethyl allophanate).  
HT codling moth larvae. 1291.
- 183-571-588-742-1021-1109.  
Ammonium allantoinate;  $\text{C}_4\text{H}_5\text{N}_5\text{O}_3\text{NH}_4$ . 1188P.
- 183-572-742-1021.  
Allantoin;  $(\text{O})_2\text{C}(\text{C}_6\text{H}_5\text{N}_2)\text{NHCONH}_2$ .  
NT codling moth larvae. 915.
- 183-572-742-1021-1109.  
Ammonium allantoinate—see 183-571-588-742-1021-1109.
- 183-591-951-1011-1021.  
Dulcin;  $\text{C}_9\text{H}_7\text{OC}_6\text{H}_4\text{NHCONH}_2$ . (*p*-Phenetylurea; *p*-ethoxyphenylurea).  
T screwworms at 0.33-0.67%. 156.
- 183-592-952-1012-1021.  
Urea, di-*p*-phenetyl-;  $(\text{C}_6\text{H}_5\text{OC}_6\text{H}_4\text{NH})_2\text{C:O}$ .  
NT *Bombyx mori* larvae. 559.
- 183-951-1021.  
Urea, phenyl-;  $\text{C}_6\text{H}_5\text{HNCONH}_2$ .  
T screwworms; NT codling moth and as mothproofing agent. 156, 915, 955, 1176.
- 183-951-1021-1213.  
Urea, phenylseleno-, CU.  
T as mothproofing agent. 399P, 429P, 679P, 1175.
- 183-952-1021.  
Carbanilide;  $(\text{C}_6\text{H}_5\text{NH})_2\text{CO}$ . (*N,N'*-Diphenylurea).  
NT codling moth and as mothproofing agent. 239, 915.
- 183-952-1023.  
Carbanilide, *N,N'*-dimethyl-;  $[\text{C}_6\text{H}_5\text{N}(\text{CH}_3)]_2\text{C:O}$ . (*N,N'*-Dimethyl, *N,N'*-diphenylurea).  
NT *Bombyx mori* larvae, Colorado potato beetle, and Mexican bean beetle. 559, 606.
- 183-989-1021.  
Urea, 1-dodecyl-;  $\text{C}_{12}\text{H}_{25}\text{NHCONH}_2$ .  
Fly spray. 107P, 112, 593P.
- 183-1003-1021-1030.  
Urea, allyl-;  $\text{H}_2\text{NCONHCH}_2\text{CH:CH}_2$ .  
ST codling moth; NT clothes moths. 915, 985, 1176.
- 183-1021.  
Urea;  $\text{NH}_2\text{CONH}_2$ . (Carbamide).  
ST *Lucilia sericata* larvae; NT as mothproofing agent. 156, 723, 985, 1176.
- 184-186-206-591-952-1011-1023.  
*o*-Acetotoluide,  $\alpha$ -(4-methoxy-2-nitrophenylazo)-;  $\text{CH}_3\text{C}_6\text{H}_4\text{NHCOCH}_2\text{N}(\text{CH}_3)\text{C}_6\text{H}_3(\text{NO}_2)\text{OCH}_3$ . ( $\alpha$ -(*o*-Nitro-*p*-anisylazo)-*o*-acetotoluide). (This com-

- pound was given the formula  $C_{15}H_{18}N_4O_8$ . This does not agree with the name. Assuming that the latter is correct, the formula should be  $C_{17}H_{18}N_4O_8$ .  
NT European corn borer. 1120.
- 184-206-951-1021.  
Benzoic acid, *m*-nitro-, hydrazide;  $NH_2NHCOC_6H_4NO_2$ . (*m*-Nitrobenzhydrazide).  
ST screwworms at 0.67%. 156.
- 184-206-951-1021.  
Benzoic acid, *o*-nitro-, hydrazide;  $NH_2NHCOC_6H_4NO_2$ . (*o*-Nitrobenzhydrazide).  
ST screwworms at 0.67%. 156.
- 184-206-951-1021.  
Benzoic acid, *p*-nitro-, hydrazide;  $NO_2C_6H_4CONHNH_2$ . (*p*-Nitrobenzhydrazide).  
NT screwworms. 156.
- 184-951-1011.  
Acetic acid, phenylhydrazide;  $CH_3CONHNHC_6H_5$ . (Acetyl phenylhydrazine).  
T screwworms. 156.
- 184-952-1011-1021.  
Acetic acid, 2-benzylidene-1-phenylhydrazide;  $C_6H_5CH:N:NN(COCH_3)_2C_6H_5$ . (Benzacetylalphenylhydrazone; benzylidenephénylacetylhydrazone).  
T as mothproofing agent. 873P, 1178.
- 184-953-1022.  
Benzoic acid, 2-benzylidene-1-phenylhydrazide;  $C_6H_5CH:N:NN(COC_6H_5)_2C_6H_5$ . (Benzalbenzophenylhydrazone; benzylidenephénylbenzhydrazone).  
T as mothproofing agent. 813P, 1178.
- 185-206-951-1021.  
Benzamide, *p*-nitro-;  $NO_2C_6H_4CONH_2$ .  
NT screwworms. 156.
- 185-250-991-1022.  
Decylxanthic acid, anhydride with carbamic acid;  $C_{10}H_{19}OCSSCONH_2$  (Amide of decylxanthic formic acid). 1472P.
- 185-440-851-950-951-1021.  
Phenothiazine, 6-(*o*-chlorophenylcarbonyl)-;  $(C_{12}H_8NS)CONHC_6H_4Cl$ . (Phenothiazine-6-carboxylic acid *o*-chlorophenylamide).  
MT mosquito larvae. 487.
- 185-440-950-951-1021.  
Phenothiazine, 6-(phenylcarbonyl)-;  $(C_{12}H_8NS)CONHC_6H_5$ . (Phenothiazine-6-carboxylic acid phenylamide).  
NT mosquito larvae. 487.
- 185-440-950-999-1021.  
Phenothiazine, 6-amylcarbonyl-;  $(C_{12}H_8NS)CONHC_6H_{11}$ . (Phenothiazine-6-carboxylic acid amylamide).  
HT mosquito larvae. 487.
- 185-440-950-1021.  
Phenothiazine, 6-carbonyl-;  $(C_{12}H_8NS)CONH_2$ . (Phenothiazine-6-carboxylic acid amide).  
MT mosquito larvae. 487.
- 185-541-671-1001.  
Asparagine;  $H_2NCOCH(NH_2)CH_2COOH$ .  
NT codling moth larvae. 915.
- 185-591-952-1022.  
Benzamide, *o*-benzyloxy-;  $C_6H_5CH_2OC_6H_4CONH_2$ . (Benzamide, *o*-phenylmethoxy-).  
Fly spray. 112, 693P.
- 155-625-1003-1030.  
2-Furanacrylamide;  $(C_4H_3O)CH:CHCONH_2$ .  
HT *Culex quinquefasciatus*; T several species of insects and T screwworm larvae at 0.05%; ST greenhouse red spider; NT bean aphid. 109, 157, 944, 1312, 1481.
- 185-625-1021.  
2-Furamide;  $(C_4H_3O)CONH_2$ . (Pyromucamide).  
T codling moth and mosquito larvae. 487, 1286, 1291.
- 185-851-1011.  
Acetamide, *o*-chloro-;  $ClCH_2CONH_2$ . (Chloroacetamide).  
T *Lucilia cuprina* larvae at 0.1%. 849, 1144.
- 185-951-1021.  
Benzamide;  $C_6H_5CONH_2$ . (Benzencarbonamide; benzoic amide).  
MT codling moth larvae; T screwworms; NT *P. rapae*. 156, 635, 915, 1150, 1286, 1291.
- 185-951-1022.  
Phthalimide;  $C_6H_4(CONH_2)_2$ .  
NT European corn borer. 1122.
- 185-985.  
Palmitamide;  $CH_3(CH_2)_{14}CH_2CONH_2$ . (Hexadecanamide; palmitic amide).  
ST codling moth larvae. 1286.
- 185-989.  
Lauramide;  $CH_3(CH_2)_{10}CH_2CONH_2$ .  
ST codling moth larvae. 1286.
- 185-999.  
*n*-Valeramide;  $CH_3(CH_2)_4CONH_2$ .  
ST codling moth larvae. 915.
- 185-1003.  
Malonamide;  $CH_2(CONH_2)_2$ .  
NT codling moth larvae. 915.
- 185-1003.  
Propionamide;  $C_2H_5CONH_2$ . (Propanamide; propionic acid amide).  
ST codling moth larvae. 1286.
- 185-1011.  
Oxamide;  $(CONH_2)_2$ .  
NT *Bombyx mori*, codling moth larvae, and European corn borer. 559, 915, 1122.
- 185-1011.  
Acetamide;  $CH_3CONH_2$ . (Ethanimide).  
T *Lucilia sericata* larvae; ST codling moth larvae; NT *Tineola bisselliella*, *Attageus piceus*, and as mothproofing agent. 268, 723, 739, 915, 1176, 1289.
- 185-1021.  
Formamide;  $HCONH_2$ . (Methanimide).  
T *Lucilia cuprina* larvae; ST codling moth larvae. 849, 1152, 1286.
- 186-190-851-951-1011.  
Acetanilide, *p*-chloro-*o*-isotroso-;  $ClC_6H_4NHCOCH_2OH$ . (*p*-Chloro-*o*-isotrosoacetanilide).  
NT European corn borer. 1122.
- 186-206-671-665-952-1001-1021.  
Acetoacetanilide, *o*-(*o*-nitro-*p*-tolylazo)-;  $C_6H_5NHCOCH(N:NC_6H_4(CH_3)NO_2)COCH_3$ .  
NT European corn borer. 1120.
- 186-206-591-951-1011-1021.  
*p*-Acetanilide, 2-nitro-;  $CH_3CONHC_6H_4(NO_2)OCH_3$ . (3-Nitro-4-acetylaminotoluene).  
NT screwworms. 156.
- 186-206-591-951-1012.  
*p*-Acetophenetide, 3-nitro-;  $CH_3CONHC_6H_4(NO_2)OC_6H_5$ . (Phenacetin, 3-nitro-).  
T as mothproofing agent. 333P, 1176.
- 186-206-851-951-1011.  
Acetanilide, 2-chloro-4-nitro-;  $CH_3CONHC_6H_3(Cl)NO_2$ .  
MT codling moth at 4%; NT bean aphid at 4%. 1481.
- 186-206-851-951-1011.  
Acetanilide, 4-chloro-2-nitro-;  $CH_3CONHC_6H_3(Cl)NO_2$ .  
HT greenhouse red spider at 4%. 1481.
- 186-206-951-1011.  
Acetanilide, *m*-nitro-;  $CH_3CONHC_6H_4NO_2$ .  
T screwworms at 0.10-0.17% and T greenhouse red spider and codling moth at 4%; NT bean aphid at 4%. 156, 1481.
- 186-206-951-1011.  
Acetanilide, *o*-nitro-;  $CH_3CONHC_6H_4NO_2$ .  
T greenhouse red spider; NT screwworms. 156, 1481.
- 186-206-951-1011.  
Acetanilide, *p*-nitro-;  $CH_3CONHC_6H_4NO_2$ .  
T codling moth and greenhouse red spider; ST mosquito larvae and ST screwworms at 0.67%. 156, 157, 915, 1481.
- 186-206-951-1011-1021.  
Acetanilide, *p*-(nitromethyl)-;  $CH_3CONHC_6H_4CH_2NO_2$ .  
T screwworms at 0.05-0.08%. 156.
- 186-206-951-1011-1021.  
*p*-Acetotoluide, 2-nitro-;  $CH_3CONHC_6H_4(CH_3)NO_2$ . (3-Nitro-4-acetaminotoluene).  
ST greenhouse red spider at 4%. 1481.
- 186-206-951-1012.  
Acetanilide, *p*-(2-nitroethyl)-;  $CH_3CONHC_6H_4CH_2CH_2NO_2$ . (*p*-Nitroethylacetanilide).  
T screwworms at 0.05-0.08%. 156.
- 186-207-581-951-997.  
Caproanilide, 3, 5-dinitro-2-hydroxy-;  $C_6H_4OH(NO_2)_2NHCOC_6H_{11}$ . (*N*-Caproylpicramic acid).  
MT *Phyctena rubigalis* larvae. 949, 1144.

- 186-207-581-952-1021.  
Benzanilide, 3, 5-dinitro-2-hydroxy-;  $C_6H_5OH-(NO_2)_2NHCOCH_3$ . (*N*-Benzoylpicramic acid).  
NT *Phlyctenia rubiginosa* larvae. 949.
- 186-207-952-1011.  
Oxanilide, 2, 2'-dinitro-;  $(-CONHC_6H_4NO_2)_2$ . (Oxalic acid, bis-(2-nitro anilide)).  
ST greenhouse red spider at 4%; NT southern army worm and bean aphid at 4%. 1481.
- 186-250-951-981-1022.  
Eicosylxanthic acid, anhydride with carbanilic acid;  $C_{20}H_{41}OCSSCONHC_6H_5$ . (Anilide of eicosylxanthic formic acid). 1472P.
- 186-250-951-989-1022.  
Dodecylxanthic acid, anhydride with carbanilic acid;  $C_{12}H_{25}OCSSCONHC_6H_5$ . (Anilide of dodecylxanthic formic acid). 1472P.
- 186-250-989-1023.  
Methylxanthic acid, anhydride with dodecylcarbamic acid;  $CH_3OCSSCONHC_{12}H_{25}$ . (*N*-Dodecylamide of methylxanthic formic acid). 1472P.
- 186-258-581-851-952-1022.  
Cresotaniide, chlorosulfo-, CU;  $C_6H_5NHCOCH_3(OH)(Cl)(CH_3)SO_2H$ . (Chlorocresotinic acid anilide sulphonic acid).  
T as mothproofing agent. 394P, 395P, 1175, 1176.
- 186-258-581-852-952-1021.  
1-Phenol-2-sulfonic acid, 4-chloro-6-(*o*-chlorophenyl-carbamyl)-;  $Cl(OH)C_6H_3(SO_3H)CONHC_6H_4Cl$ . (Salicylic acid, 5-chloro-3-sulpho-2'-chloroanilide).  
T as mothproofing agent. 464P, 1176.
- 186-258-581-852-952-1021.  
1-Phenol-2-sulfonic acid, 4-chloro-6-(*p*-chlorophenyl-carbamyl)-;  $Cl(OH)C_6H_3(SO_3H)CONHC_6H_4Cl$ . (Salicylic acid, 5-chloro-3-sulpho-4'-chloroanilide).  
T as mothproofing agent. 464P, 1176.
- 186-376-591-851-951-1011-1021.  
Urea, 1-(*p*-chlorophenoxyacetyl)-2-thio-;  $ClC_6H_4-OCH_2CONHC(S)NH_2$ .  
T as mothproofing agent. 406P, 427P, 1175, 1239P.
- 186-376-852-951-1022.  
Urea, 1-dichlorobenzoyl-2-thio-, CU.  $Cl_2C_6H_4CONHC(S)NH_2$ .  
T as mothproofing agent. 406P, 427P, 1175, 1239P.
- 186-376-852-952-1022.  
Urea, 1-dichlorobenzoyl-3-phenyl-2-thio-, CU;  $Cl_2C_6H_3CONHC(S)NHCH_2C_6H_5$ ? (Urea, phenyl dichlorobenzoylthio-, urea,  $\alpha$ -dichlorobenzoyl- $\beta$ -phenylthio-).  
T as mothproofing agent. 406P, 427P, 1175, 1179, 1240P.
- 186-376-951-983-1021-1030.  
Urea, 1-oleyl-3-phenyl-2-thio-,  $C_{17}H_{33}CONHC(S)NHCH_2C_6H_5$ ? (Urea, phenyloleylthio-, urea,  $\alpha$ -oleyl- $\beta$ -phenylthio-).  
T as mothproofing agent. 406P, 427P, 1175, 1179, 1240P.
- 186-376-951-997-1021.  
Urea, 1-caproyl-3-phenyl-2-thio-;  $CH_3(CH_2)_4CONHC(S)NHCH_2C_6H_5$ . (Urea,  $\alpha$ -caproyl- $\beta$ -phenylthio-).  
T as mothproofing agent. 406P, 427P, 1175, 1179, 1239P, 1240P.
- 186-376-951-999-1021.  
Urea, 1-phenyl-2-thio-3-valeryl-;  $C_6H_5NHCH_2C(S)NHOCCH_2CH_3$ ? (Urea, phenylvalerylthio-).  
T as mothproofing agent. 406P, 427P, 437P, 1175, 1179, 1239P, 1240P.
- 186-376-951-1011-1021.  
Urea, 1-acetyl-3-phenyl-2-thio-;  $CH_3CONHC(S)NHCH_2C_6H_5$ . (Urea, phenylacetylthio-).  
T as mothproofing agent. 406P, 416P, 427P, 437P, 1175, 1179, 1239P.
- 186-376-951-1022.  
Urea, 1-benzoyl-2-thio-;  $C_6H_5CONHC(S)NH_2$ .  
T as mothproofing agent. 406P, 427P, 1175, 1239P.
- 186-376-952-1022.  
Urea, 1-benzoyl-3-phenyl-2-thio-;  $C_6H_5CONHC(S)NHCH_2C_6H_5$ . (Urea, phenylbenzoylthio-).  
T as mothproofing agent. 406P, 427P, 1175, 1179, 1240P.
- 186-376-961-997-1021.  
Urea, 1-caproyl-3-cyclohexyl-2-thio-;  $CH_3(CH_2)_4CONHC(S)NHCH_2C_6H_{11}$ . (Urea,  $\alpha$ -caproyl- $\beta$ -cyclohexylthio-).  
T as mothproofing agent. 1179, 1240P.
- 186-376-961-1021.  
Urea, 1-hexahydrobenzoyl-2-thio-;  $C_8H_{11}CONHC(S)NH_2$ .  
T as mothproofing agent. 406P, 427P, 1175, 1239P.
- 186-376-983-1021.  
Urea, 1-oleyl-2-thio-;  $C_{17}H_{33}CONHC(S)NH_2$ .  
T as mothproofing agent. 406P, 427P, 1175, 1239P.
- 186-376-983-1021.  
Urea, 1-stearyl-2-thio-;  $C_{17}H_{35}CONHC(S)NH_2$ .  
T as mothproofing agent. 406P, 427P, 1175, 1239P.
- 186-376-999-1021.  
Urea, 1-valeryl-2-thio-;  $C_5H_9CONHC(S)NH_2$ .  
T as mothproofing agent. 406P, 427P, 1175, 1239P.
- 186-376-1001-1021-1030.  
Urea, 1-crotonyl-2-thio-;  $NH_2C(S)NHOCCH=CH-CH_3$ . (Crotyl thiourea).  
NT Colorado potato beetle and Mexican bean beetle. 606, 1432.
- 186-376-1003-1011-1021-1030.  
Urea, 1-acetyl-3-allyl-2-thio-;  $CH_3CONHC(S)NHCH_2CH=CH_2$ .  
T as mothproofing agent. 416P, 424P, 683P, 1175.
- 186-376-1011-1021.  
Urea, 1-acetyl-2-thio-;  $CH_3CONHC(S)NH_2$ .  
T as mothproofing agent. 406P, 427P, 1175, 1239P.
- 186-401-591-096-851-952-1012-1023-1201.  
Ammonium chloride, [*p*-(*p*-chlorophenoxy)-phenyl-carbamylmethyl]dimethyl(2-thiocyanatoethyl)-;  $ClC_6H_4OC_6H_4NHCOCCH_2N(CH_3)_2(CN)CH_2CH_2SCN$ .  
T as mothproofing agent. 529P.
- 186-460-591-950-993-1011.  
Benzothiazole, 2-caprylamido-6-ethoxy-;  $C_2H_5O(C_7H_5SN)NHCOC_8H_{15}$ . (5-Ethoxybenzthiazyl-1-amide of octanoic acid).  
Fly spray. 112, 1224P.
- 186-541-583-904-999-1011-1022-1218.  
Glycocholic acid, sodium salt;  $C_{24}H_{45}O_6NHCH_2COONa$ .  
T as mothproofing agent. 585P, 1179.
- 186-541-730-1022-1027.  
Cinchomeranamide, *N*-alkyl-;  $C_6H_5N(CONHR)COOH$ . (3, 4-Pyridinedicarboxylic acid amide). 771AP.
- 186-541-730-1022-1027.  
Lutidinamide, *N*-alkyl-;  $C_6H_5N(CONHR)COOH$ . (Lutidinic acid amide). 771AP.
- 186-541-730-1022-1027.  
Quinolnamide, *N*-alkyl-;  $C_6H_5N(CONHR)COOH$ . (Quinolinic acid amide). 771AP.
- 186-541-951-1011.  
Oxanilic acid;  $C_6H_5NHCOCOOH$ .  
NT codling moth. 915.
- 186-541-951-1011-1021.  
Hippuric acid;  $CaH_5CONHCH_2COOH$ . (Benzaminoacetic acid; *N*-benzoylglycine; benzamidoacetic acid).  
ST Colorado potato beetle and Mexican bean beetle. 606, 1012.
- 186-541-951-1011-1021.  
Anthranilic acid, *N*-acetyl-;  $CH_3CONHC_6H_4COOH$ . (Acetyl *o*-aminobenzoic acid; *o*-acetamidobenzoic acid).  
NT screwworms. 156.
- 186-541-951-1011-1021.  
*p*-Aminobenzoic acid, *N*-acetyl-;  $CH_3CONHC_6H_4COOH$ .  
NT codling moth. 915.
- 186-542-730-1023-1027.  
Berberonamide, *N*-alkyl-;  $(HOOC)_2C_6H_3NCONHR$ . 771AP.
- 186-551-861-990-1011-1021.  
Glycine, *N*-fluorohendecanoyl-, methyl ester;  $C_{10}H_{21}FCONHCH_2COOCH_3$ . (Monofluoroundecanoic acid-methylglycylamide). 345P.
- 186-551-951-1012.  
Oxanilic acid, ethyl ester;  $C_6H_5NHCOCOC_2H_5$ . (Ethyl oxanilate).  
NT codling moth. 915.
- 186-571-851-951-1001.  
Acetoacetanilide, 2-chloro-;  $ClC_6H_4NHCOCH_2CO-CH_3$ . (Acetoacet-2-chloroanilide).  
ST screwworms at 0.67%. 156.
- 186-571-852-961-1001.  
Acetoacetanilide, 2, 5-dichloro-;  $Cl_2C_6H_3NHCOCH_2CO-CH_3$ . (Acetoacet-2, 5-dichloroanilide).  
ST screwworms at 0.67%. 156.

- 186-571-951-1001.  
Acetoacetanilide;  $\text{CH}_3\text{COCH}_2\text{CONHC}_6\text{H}_5$ . ( $\beta$ -Keto-butyranilide;  $\alpha$ -acetylacetanilide).  
MT codling moth larvae; ST screwworms at 0.67%. 156, 915, 1291.
- 186-581-951-1011.  
Acetanilide, *o*-hydroxy;  $\text{HOC}_6\text{H}_4\text{NHCOC}_6\text{H}_5$ . (Acetyl-*o*-aminophenol).  
NT *Epilachna borealis*. 1008.
- 186-591-951-1011.  
Acetanilide,  $\alpha$ -phenoxy-;  $\text{H}_2\text{NCOCH}_2\text{OC}_6\text{H}_5$ . (Phenoxy-acetanilide).  
T screwworms at 0.33-0.67%. 156.
- 186-591-951-1011-1021.  
*m*-Acetanilide;  $\text{CH}_3\text{OC}_6\text{H}_4\text{NHCOC}_6\text{H}_5$ . (Acetyl *m*-anilide).  
NT *Bombyx mori* larvae. 559.
- 186-591-951-1011-1021.  
*o*-Acetanilide;  $\text{CH}_3\text{OC}_6\text{H}_4\text{NHCOC}_6\text{H}_5$ . (Acetyl *o*-anilide).  
T Screwworms at 0.33-0.67%. 156.
- 186-591-951-1011-1021.  
*p*-Acetanilide;  $\text{CH}_3\text{OC}_6\text{H}_4\text{NHCOC}_6\text{H}_5$ . (Acetyl *p*-anilide).  
T screwworms at 0.17-0.33%; NT silkworm and codling moth larvae. 156, 559, 915.
- 186-591-951-1012.  
*m*-Acetophenetide;  $\text{CH}_3\text{CONHC}_6\text{H}_4\text{OC}_6\text{H}_5$ . (Acetyl *m*-phenetidine).  
NT *Bombyx mori* larvae. 559.
- 186-591-951-1012.  
*o*-Acetophenetide;  $\text{C}_6\text{H}_5\text{OC}_6\text{H}_4\text{NHCOC}_6\text{H}_5$ . (Acetyl *o*-phenetidine).  
ST screwworms at 0.67%. 156.
- 186-591-951-1012.  
Phenacetin;  $\text{CH}_3\text{CONHC}_6\text{H}_4\text{OC}_6\text{H}_5$ . (*p*-Acetophenetidine; *p*-acetamidophenetol; *p*-acetophenetide; acetyl-*p*-phenetidine; ethoxy-acetaminophenol; oxyethyl-acetanilide).  
T codling moth, screwworms, and as mothproofing agent (333P); NT as mothproofing agent (739). 156, 333P, 739, 915, 1176, 1291.
- 186-591-952-988.  
Tridecananilide, *p*-benzyloxy-;  $\text{C}_{13}\text{H}_{27}\text{CH}_2\text{OC}_6\text{H}_4\text{NHCOC}_6\text{H}_5$ . (Tridecanamide, *N*-(4-phenylmethoxyphenyl)-).  
Fly spray. 112, 1032P.
- 186-591-952-1001-1011-1021.  
Acetanilide, 5-*tert*-butyl-2-benzyloxy-;  $\text{C}_6\text{H}_5\text{CH}_2\text{OC}_6\text{H}_3(\text{C}_6\text{H}_5)_2\text{NHCOC}_6\text{H}_5$ . (Acetanilide, *N*-(2-phenylmethoxy-5-*tert*-butylphenyl)-; *p*-tertiary-butyl-*o*-acetylamine phenyl benzyl ether).  
Fly spray. 112, 693P, 696P.
- 186-591-952-1011-1021.  
Acetanilide, *p*-benzyloxy-;  $\text{C}_6\text{H}_5\text{CH}_2\text{OC}_6\text{H}_4\text{NHCOC}_6\text{H}_5$ . (Acetanilide, *p*-(phenylmethoxy) phenyl-; *p*-acetylamine phenyl benzyl ether).  
Fly spray. 112, 688P, 690P, 691P, 692P, 693P, 694P, 695P, 696P.
- 186-591-952-1011-1021.  
Acetanilide, benzyloxy-, CU;  $\text{C}_6\text{H}_5\text{CH}_2\text{OC}_6\text{H}_4\text{NHCOC}_6\text{H}_5$ . (Acetanilide, phenylmethoxyphenyl-; acetylamine phenyl benzyl ether).  
Fly spray. 112, 1032P.
- 186-591-953-1022.  
Benzanilide, 2-benzyloxy-;  $\text{C}_6\text{H}_5\text{CH}_2\text{OC}_6\text{H}_4\text{CONHC}_6\text{H}_5$ . (Benzanilide, *o*-phenylmethoxy-).  
Fly spray. 112, 693P.
- 186-591-953-1022.  
Benzanilide, 4'-benzyloxy-;  $\text{C}_6\text{H}_5\text{CH}_2\text{OC}_6\text{H}_4\text{NHCOC}_6\text{H}_5$ . (Benzanilide, *N*-(*p*-phenylmethoxyphenyl)-).  
Fly spray. 112, 696P.
- 186-625-912-1021.  
2-Furamide, *N*-2-fluorenyl-;  $(\text{C}_6\text{H}_5\text{O})\text{CONHC}_9\text{H}_7$ . (N-2-Fluorenyl-2-furamide).  
ST codling moth larvae. 1286.
- 186-625-924-1021.  
2-Furamide, *N*-1-naphthyl-;  $(\text{C}_{10}\text{H}_7\text{O})\text{CONHC}_9\text{H}_7$ .  
ST codling moth larvae. 1286.
- 186-625-924-1021.  
2-Furamide, *N*-2-naphthyl-;  $(\text{C}_{10}\text{H}_7\text{O})\text{CONHC}_9\text{H}_7$ .  
ST codling moth larvae. 1286.
- 186-625-951-1021.  
2-Furanilide;  $(\text{C}_6\text{H}_5\text{O})\text{CONHC}_6\text{H}_5$ .  
ST codling moth larvae. 1286.
- 186-625-951-1022.  
2-Furamide, *N*-benzyl-;  $(\text{C}_6\text{H}_5\text{O})\text{CONHC}_6\text{H}_5$ . (N-Benzylpyromucamide).  
T *Cochliomyia americana* C and P at 0.08%; MT *Culex quinquefasciatus* larvae; ST codling moth larvae. 157, 944, 1286.
- 186-625-951-1022.  
2-Furamide, *N*-*m*-tolyl-;  $(\text{C}_6\text{H}_5\text{O})\text{CONHC}_6\text{H}_4\text{CH}_3$ . (N-*m*-Tolyl pyromucamide).  
ST codling moth larvae. 1286.
- 186-625-951-1022.  
2-Furamide, *N*-*o*-tolyl-;  $(\text{C}_6\text{H}_5\text{O})\text{CONHC}_6\text{H}_4\text{CH}_3$ .  
ST codling moth larvae. 1286.
- 186-625-951-1022.  
2-Furamide, *N*-*p*-tolyl-;  $(\text{C}_6\text{H}_5\text{O})\text{CONHC}_6\text{H}_4\text{CH}_3$ . (N-*p*-Tolylpyromucamide).  
T *Cochliomyia americana* C and P at 0.10%; ST codling moth larvae. 944, 1080.
- 186-625-951-1023.  
2-Furamide, *N*-(2, 4-xylyl)-;  $(\text{C}_6\text{H}_5\text{O})\text{CONHC}_6\text{H}_3(\text{CH}_3)_2$ . (N-(2, 4-Xylyl) pyromucamide).  
T *Cochliomyia americana* C and P at 0.17%; ST codling moth and mosquito larvae. 157, 944, 1286.
- 186-625-951-1023.  
2-Furamide, *N*-(2, 5-xylyl)-;  $(\text{C}_6\text{H}_5\text{O})\text{CONHC}_6\text{H}_3(\text{CH}_3)_2$ . (N-(2, 5-Xylyl) pyromucamide).  
T *Cochliomyia americana* C and P at 0.34%; ST codling moth and mosquito larvae. 157, 944, 1286.
- 186-625-951-1023.  
2-Furamide, *N*-(2, 6-xylyl)-;  $(\text{C}_6\text{H}_5\text{O})\text{CONHC}_6\text{H}_3(\text{CH}_3)_2$ . (N-(2, 6-Xylyl) pyromucamide).  
T *Cochliomyia americana* C and P at 0.05%; NT mosquito and codling moth larvae. 157, 944, 1286.
- 186-625-952-1021.  
2-Furamide, *N*-4-biphenyl-;  $(\text{C}_6\text{H}_5\text{O})\text{CONHC}_6\text{H}_4\text{C}_6\text{H}_5$ . (N-Xenylpyromucamide).  
MT *Culex quinquefasciatus* larvae; ST corn borer and codling moth larvae; NT *Cochliomyia americana* C and P and as mothproofing agent. 157, 239, 944, 1120, 1286.
- 186-625-961-1021.  
2-Furamide, *N*-cyclohexyl-;  $(\text{C}_6\text{H}_5\text{O})\text{CONHC}_6\text{H}_{11}$ . (N-Cyclohexylpyromucamide).  
T *Cochliomyia americana* C and P; MT mosquito larvae; ST codling moth larvae. 157, 944, 1286.
- 186-625-989-1021.  
2-Furamide, tetrahydro-, *N*-decyl-;  $(\text{C}_{10}\text{H}_{21}\text{O})\text{CONHC}_6\text{H}_{11}$ . (Decylamide of tetrahydrofuroic acid).  
Fly spray. 112, 1224P.
- 186-625-989-1021.  
2-Furamide, *N*-dodecyl-;  $(\text{C}_{12}\text{H}_{25}\text{O})\text{CONHC}_6\text{H}_{11}$ . (N-Dodecylamide of furoic acid).  
Fly spray. 112, 1224P.
- 186-625-993-1021.  
Caproamide, *N*-tetrahydrofurfuryl-;  $(\text{C}_6\text{H}_5\text{O})\text{CH}_2\text{NHCOC}_6\text{H}_{11}$ . (Tetrahydrofurfurylamide of octanoic acid).  
Fly spray. 112, 1224P.
- 186-665-952-1011.  
Acetanilide, *p*-phenylazo-;  $\text{C}_6\text{H}_5\text{N}=\text{NC}_6\text{H}_4\text{NHCOC}_6\text{H}_5$ . (4-Acetamino azobenzene).  
ST greenhouse red spider at 4%; NT southern army worm at 2%. 1451.
- 186-671-951-1011.  
Acetanilide, *m*-amino-;  $\text{CH}_3\text{CONHC}_6\text{H}_4\text{NH}_2$ . 1313.
- 186-671-951-1011.  
Acetanilide, *o*-amino-;  $\text{CH}_3\text{CONHC}_6\text{H}_4\text{NH}_2$ . 1313.
- 186-671-951-1011.  
Acetanilide, *p*-amino-;  $\text{CH}_3\text{CONHC}_6\text{H}_4\text{NH}_2$ . (N-Acetyl-*p*-phenylenediamine).  
T melon worm, imported cabbage worm, southern beet webworm, Hawaiian beet webworm, southern army worm, termites, Mexican bean beetle, diamond-back moth, bean leaf roller, cross-striped cabbage worm, and cabbage looper. 494, 1312, 1313.
- 186-671-983-1011.  
Stearamide, *N*-(2-aminoethyl)-;  $\text{C}_{17}\text{H}_{35}\text{CONHC}_6\text{H}_4\text{NH}_2$ . (Stearyl-amido-ethylamine). 1178, 1414P.
- 186-671-983-1011-1030.  
Oleamide, *N*-(2-aminoethyl)-;  $\text{CH}_2(\text{CH}_2)_7\text{CH}:\text{CH}(\text{CH}_2)_7\text{CONHC}_6\text{H}_4\text{NH}_2$ . (Olelyl-amido-ethylamine). 1178, 1414P.
- 186-671-985-1003.  
Palmitamide, *N*-(2-aminopropyl)-;  $\text{C}_{15}\text{H}_{31}\text{CONHC}_6\text{H}_4\text{NH}_2$ .



- CH<sub>3</sub>CH<sub>2</sub>CH<sub>2</sub>NH<sub>2</sub>. (Palmityl-*amido*-Propylamine). 1178, 1414P.
- 186-691-983-1011-1022.  
Stearamide, *N*-(2-dimethylaminoethyl)-; C<sub>17</sub>H<sub>35</sub>CO-NHCH<sub>2</sub>CH<sub>2</sub>N(CH<sub>3</sub>)<sub>2</sub>. (Dimethyl-stearyl-amido-ethylamine). 1178, 1414P.
- 186-691-983-1013-1033.  
Linoleamide, *N*-(2-diethylaminoethyl)-; C<sub>17</sub>H<sub>31</sub>CO-NHCH<sub>2</sub>CH<sub>2</sub>N(CH<sub>3</sub>)<sub>2</sub>. (Diethyl-linoleyl-amido-ethylamine). 1178, 1414P.
- 186-696-854-932-1012-1022-1291.  
Ammonium chloride, bis(3, 4-dichlorophenylcarbamylmethyl) dimethyl-; C<sub>12</sub>H<sub>8</sub>Cl<sub>2</sub>NHCON(CH<sub>3</sub>)<sub>2</sub>(Cl)-CONHC<sub>6</sub>H<sub>4</sub>Cl<sub>2</sub>. 528.
- 186-701-951-1003.  
Acetanilide, *o*-cyano-; CNCH<sub>2</sub>CONHC<sub>6</sub>H<sub>5</sub>.  
ST screwworms and corn borer; NT as mothproofing agent. 239, 944, 1120.
- 186-730-989-1021.  
Picolinamide, *N*-dodecyl-; NC<sub>6</sub>H<sub>4</sub>CONHC<sub>12</sub>H<sub>25</sub>. (*N*-Dodecylamide of *o*-picolinic acid).  
HT fly spray. 112, 736P, 1224P.
- 186-730-997-1021.  
Nicotinamide, *N*-hexyl-; NC<sub>6</sub>H<sub>4</sub>CONHC<sub>6</sub>H<sub>13</sub>. (Hexylamide of nicotinic acid).  
Fly spray. 112, 736P, 1224P.
- 186-730-1021-1027.  
Picolinamide, *N*-alkyl-; RNHCOC<sub>6</sub>H<sub>4</sub>N. (Picolinic acid amide). 771AP.
- 186-730-1021-1027.  
Nicotinamide, *N*-alkyl-; RNHCOC<sub>6</sub>H<sub>4</sub>N. (Nicotinic acid amide; 3-pyridinecarboxylic acid amide). 771AP.
- 186-730-1021-1027.  
Isonicotinamide, *N*-alkyl-; RNHCOC<sub>6</sub>H<sub>4</sub>N. (Isonicotinic acid amide). 771AP.
- 186-740-950-1011.  
Carbazole, 3-acetamido-; (C<sub>12</sub>H<sub>9</sub>N)NHCOC<sub>6</sub>H<sub>5</sub>. (3-Acetamidocarbazole).  
HT codling moth larvae. 1291.
- 186-740-950-1011.  
Acetamide, *N*-3-indolyl-; (C<sub>8</sub>H<sub>7</sub>N)NHCOC<sub>6</sub>H<sub>5</sub>. (Indoleacetamide).  
NT *Culex quinquefasciatus*. 157.
- 186-781-951-1011.  
Acetamide, *o*-phenylthio-; C<sub>6</sub>H<sub>5</sub>SC<sub>6</sub>H<sub>4</sub>CONH<sub>2</sub>. (Thiophenyl acetamide).  
MT *Bombyx mori* larvae. 559.
- 186-801-951-983-999-1012-1389.  
Sulfonium ethyl sulfate, amylethyl(*p*-stearamido-benzyl)-; C<sub>8</sub>H<sub>11</sub>(C<sub>2</sub>H<sub>5</sub>)(C<sub>17</sub>H<sub>35</sub>CONHC<sub>6</sub>H<sub>4</sub>CH<sub>2</sub>)SC<sub>2</sub>H<sub>5</sub>SO<sub>4</sub>? (*p*-Stearylamidobenzylamylethyl-sulfonium ethoxy-sulfate). 526P.
- 186-841-951-1011.  
Acetanilide, *m*-bromo-; CH<sub>3</sub>CONHC<sub>6</sub>H<sub>4</sub>Br.  
NT as mothproofing agent. 239.
- 186-841-951-1011.  
Acetanilide, *o*-bromo-; CH<sub>3</sub>CONHC<sub>6</sub>H<sub>4</sub>Br. (*o*-Bromo-acetanilide; *N*-acetyl-*o*-bromoaniline).  
NT as mothproofing agent. 239.
- 186-841-951-1011.  
Acetanilide, *p*-bromo-; CH<sub>3</sub>CONHC<sub>6</sub>H<sub>4</sub>Br. (*N*-Acetyl-*p*-bromoaniline; antiseptic; aepsin; bromanilid).  
NT as mothproofing agent. 239.
- 186-851-951-1011.  
Acetanilide, *m*-chloro-; CH<sub>3</sub>CONHC<sub>6</sub>H<sub>4</sub>Cl. (*N*-Acetyl-*m*-chloroaniline).  
T as mothproofing agent. 239, 1312.
- 186-851-951-1011.  
Acetanilide, *o*-chloro-; CH<sub>3</sub>CONHC<sub>6</sub>H<sub>4</sub>Cl.  
ST codling moth at 4%; NT southern army worm at 4% and as mothproofing agent. 239, 1312, 1481.
- 186-851-951-1011.  
Acetanilide, *p*-chloro-; CH<sub>3</sub>CONHC<sub>6</sub>H<sub>4</sub>Cl.  
ST codling moth at 4% and ST Japanese beetle; NT southern army worm at 4% and as mothproofing agent. 239, 494, 1312, 1481.
- 186-851-951-1011.  
Acetanilide, *o*-chloro-; C<sub>6</sub>H<sub>5</sub>NHCOCH<sub>2</sub>Cl. (*N*-Acetyl-*o*-chloroaniline; *N*-monochloroacetylaniline; *o*-chloroacetanilide).  
HT *Cochliomyia americana* C and P at 0.03%; T *Blattella germanica*; MT mosquito larvae. 487, 944, 1085P.
- 186-851-951-1011.  
Acetanilide, chloro-, CU; CH<sub>3</sub>CONHC<sub>6</sub>H<sub>4</sub>Cl.  
NT as mothproofing agent up to 2%. 985, 1178.
- 186-871-951-1011.  
Acetanilide, *m*-iodo-; CH<sub>3</sub>CONHC<sub>6</sub>H<sub>4</sub>I.  
T many insects; NT as mothproofing agent. 110, 239, 1318P.
- 186-871-951-1011.  
Acetanilide, *o*-iodo-.  
T many insects. 110, 1318P.
- 186-871-951-1011.  
Acetanilide, *p*-iodo-; CH<sub>3</sub>CONHC<sub>6</sub>H<sub>4</sub>I.  
T mosquito larvae and many other insects; NT as mothproofing agent. 110, 239, 487, 1318P.
- 186-881-951-1011.  
Acetanilide, halogenated; CH<sub>3</sub>CONHC<sub>6</sub>H<sub>4</sub>X.  
T termites, clothes moth, Colorado potato beetle, and greenhouse leaf tier. 1312, 1318P.
- 186-912.  
Acetamide, *N*-2-fluorenyl-; C<sub>15</sub>H<sub>9</sub>NHCOCH<sub>3</sub>. (*N*-2-Fluorylacetamide).  
ST codling moth. 1286.
- 186-912-951-1021.  
Benzamide, *N*-2-fluorenyl-; C<sub>6</sub>H<sub>5</sub>CONHC<sub>15</sub>H<sub>9</sub>. (*N*-2-Fluorylbenzamide).  
ST codling moth larvae. 1286.
- 186-912-985.  
Palmitamide, *N*-2-fluorenyl-; CH<sub>3</sub>(CH<sub>2</sub>)<sub>14</sub>CH<sub>2</sub>CONHC<sub>15</sub>H<sub>9</sub>. (*N*-2-Fluorylpalmitamide).  
ST codling moth larvae. 1286.
- 186-912-989.  
Lauramide, *N*-2-fluorenyl-; CH<sub>3</sub>(CH<sub>2</sub>)<sub>12</sub>CH<sub>2</sub>CONHC<sub>15</sub>H<sub>9</sub>. (*N*-2-Fluorylauramide).  
ST codling moth larvae. 1286.
- 186-912-1003.  
Propionamide, *N*-2-fluorenyl-; C<sub>15</sub>H<sub>9</sub>NHCOCH<sub>2</sub>CH<sub>3</sub>. (*N*-2-Fluorylpropionamide).  
ST codling moth larvae. 1286.
- 186-912-1021.  
Formamide, *N*-2-fluorenyl-; C<sub>15</sub>H<sub>9</sub>NHCOH. (*N*-2-Fluorylformamide).  
ST codling moth larvae. 1286.
- 186-924.  
Formamide, *N*-1-naphthyl-; C<sub>10</sub>H<sub>7</sub>NHCOH.  
ST codling moth larvae. 1286.
- 186-924-951-1021.  
Benzamide, *N*-1-naphthyl-; C<sub>10</sub>H<sub>7</sub>NHCOC<sub>6</sub>H<sub>5</sub>. (Benzoyl *o*-naphthylamine).  
ST Japanese beetle and codling moth larvae; NT *Bombyx mori* larvae. 494, 559, 915, 1286.
- 186-924-951-1021.  
Benzamide, *N*-2-naphthyl-; C<sub>6</sub>H<sub>5</sub>CONHC<sub>10</sub>H<sub>7</sub>.  
ST codling moth larvae. 1286.
- 186-924-985.  
Palmitamide, *N*-1-naphthyl-; CH<sub>3</sub>(CH<sub>2</sub>)<sub>14</sub>CH<sub>2</sub>CONHC<sub>10</sub>H<sub>7</sub>.  
ST codling moth larvae. 1286.
- 186-924-985.  
Palmitamide, *N*-2-naphthyl-; CH<sub>3</sub>(CH<sub>2</sub>)<sub>14</sub>CH<sub>2</sub>CONHC<sub>10</sub>H<sub>7</sub>.  
ST codling moth larvae. 1286.
- 186-924-989.  
Lauramide, *N*-1-naphthyl-; CH<sub>3</sub>(CH<sub>2</sub>)<sub>12</sub>CH<sub>2</sub>CONHC<sub>10</sub>H<sub>7</sub>.  
ST codling moth larvae. 1286.
- 186-924-989.  
Lauramide, *N*-2-naphthyl-; CH<sub>3</sub>(CH<sub>2</sub>)<sub>12</sub>CH<sub>2</sub>CONHC<sub>10</sub>H<sub>7</sub>.  
ST codling moth larvae. 1286.
- 186-924-1003.  
Propionamide, *N*-1-naphthyl-; C<sub>10</sub>H<sub>7</sub>NHCOCH<sub>2</sub>CH<sub>3</sub>.  
ST codling moth larvae. 1286.
- 186-924-1003.  
Propionamide, *N*-2-naphthyl-; C<sub>10</sub>H<sub>7</sub>NHCOCH<sub>2</sub>CH<sub>3</sub>.  
ST codling moth larvae. 1286.
- 186-924-1011.  
Acetamide, *N*-1-naphthyl-; C<sub>10</sub>H<sub>7</sub>CH<sub>2</sub>CONH<sub>2</sub>. (*N*-Acetyl-1-naphthylamine).  
HT codling moth larvae; NT *Bombyx mori* larvae. 39P, 559, 1286, 1291.
- 186-924-1011.  
Acetamide, *N*-2-naphthyl-; C<sub>10</sub>H<sub>7</sub>NHCOCH<sub>3</sub>.  
ST codling moth larvae. 1286.

- 186-924-1011.  
Acetamide, naphthyl-,  $\text{C}_{10}\text{H}_7\text{NHCOCH}_3$ . (Naphthylamine, acetyl-).  
T as mothproofing agent. 333P, 1176.
- 186-924-1021.  
Formamide, *N*-2-naphthyl-,  $\text{C}_{10}\text{H}_7\text{NHCCHO}$ .  
ST codling moth larvae. 1286.
- 186-951-961-1021.  
Benzamide, *N*-cyclohexyl-,  $\text{C}_6\text{H}_5\text{CONHC}_6\text{H}_{11}$ . (*N*-Benzoyl cyclohexylamine).  
T *Myzus persicae*; ST codling moth larvae and mosquito larvae; NT *Myzus persicae* and *Tetranychus telarius*. 487, 772, 1286.
- 186-951-983.  
Stearanilide;  $\text{C}_{17}\text{H}_{35}\text{CONHC}_6\text{H}_5$ . (Stearic acid anilide).  
T as mothproofing agent. 1179, 1341P.
- 186-951-985.  
Palmitanilide;  $\text{CH}_3(\text{CH}_2)_{13}\text{CH}_2\text{CONHC}_6\text{H}_5$ .  
ST codling moth larvae. 1286.
- 186-951-985-1003-1021.  
Palmitamide, *N*-carvacryl-,  $\text{C}_{15}\text{H}_{31}\text{CONHC}_6\text{H}_5(\text{CH}_3)(\text{C}_6\text{H}_7)$ .  
NT *Cochliomyia americana* C and P. 944.
- 186-951-985-1021.  
*m*-Palmitotoluide;  $\text{CH}_3(\text{CH}_2)_{13}\text{CH}_2\text{CONHC}_6\text{H}_4\text{CH}_3$ .  
ST codling moth larvae. 1286.
- 186-951-985-1021.  
*o*-Palmitotoluide;  $\text{CH}_3(\text{CH}_2)_{13}\text{CH}_2\text{CONHC}_6\text{H}_4\text{CH}_3$ .  
ST codling moth larvae. 1286.
- 186-951-985-1021.  
*p*-Palmitotoluide;  $\text{CH}_3(\text{CH}_2)_{13}\text{CH}_2\text{CONHC}_6\text{H}_4\text{CH}_3$ .  
ST codling moth larvae. 1286.
- 186-951-985-1021.  
Palmitamide, *N*-benzyl-,  $\text{CH}_3(\text{CH}_2)_{13}\text{CH}_2\text{CONHC}_6\text{H}_5$ .  
ST codling moth larvae. 1286.
- 186-951-989.  
Lauranilide;  $\text{C}_{12}\text{H}_{25}\text{NHC(O)CH}_2(\text{CH}_2)_9\text{CH}_3$ .  
ST codling moth larvae. 1286.
- 186-951-989-1021.  
*m*-Laurotoluide;  $\text{CH}_3(\text{CH}_2)_9\text{CH}_2\text{CONHC}_6\text{H}_4\text{CH}_3$ .  
ST codling moth larvae. 1286.
- 186-951-989-1021.  
*o*-Laurotoluide;  $\text{CH}_3(\text{CH}_2)_9\text{CH}_2\text{CONHC}_6\text{H}_4\text{CH}_3$ .  
ST codling moth larvae. 1286.
- 186-951-989-1021.  
*p*-Laurotoluide;  $\text{CH}_3(\text{CH}_2)_9\text{CH}_2\text{CONHC}_6\text{H}_4\text{CH}_3$ .  
ST codling moth larvae. 1286.
- 186-951-989-1021.  
Lauramide, *N*-benzyl-,  $\text{C}_{11}\text{H}_{23}\text{CONHCH}_2\text{C}_6\text{H}_5$ .  
ST codling moth larvae. 1286.
- 186-951-997.  
Caproanilide;  $\text{C}_6\text{H}_{11}\text{CONHC}_6\text{H}_5$ .  
NT screwworms. 156.
- 186-951-999.  
Isovaleranilide;  $\text{C}_6\text{H}_5\text{NHC(O)CH}_2\text{CH}(\text{CH}_3)_2$ .  
NT screwworms. 156.
- 186-951-1001.  
Butyranilide;  $\text{CH}_3(\text{CH}_2)_2\text{CONHC}_6\text{H}_5$ . (*N*-Phenylbutyranilide).  
NT screwworms. 156.
- 186-951-1003.  
Propionanilide;  $\text{C}_6\text{H}_5\text{NHC(O)CH}_2\text{CH}_3$  (*N*-Phenylpropionanilide).  
ST codling moth larvae. 1286.
- 186-951-1003-1021.  
*m*-Propionotoluide;  $\text{CH}_3\text{CH}_2\text{CONHC}_6\text{H}_4\text{CH}_3$ .  
ST codling moth larvae. 1286.
- 186-951-1003-1021.  
*o*-Propionotoluide;  $\text{CH}_3\text{CH}_2\text{CONHC}_6\text{H}_4\text{CH}_3$ .  
ST codling moth larvae. 1286.
- 186-951-1003-1021.  
*p*-Propionotoluide;  $\text{CH}_3\text{CH}_2\text{CONHC}_6\text{H}_4\text{CH}_3$ .  
ST codling moth and mosquito larvae. 157, 1286.
- 186-951-1003-1021.  
Propionamide, *N*-benzyl-,  $\text{C}_6\text{H}_5\text{CH}_2\text{NHC(O)CH}_2\text{CH}_3$ .  
ST codling moth larvae. 1286.
- 186-951-1003-1022.  
Propionamide, *N*-(2, 4-xylyl)-;  $\text{C}_6\text{H}_5\text{CONHC}_6\text{H}_3(\text{CH}_3)_2$ .  
ST *Cochliomyia americana* C and P and codling moth larvae. 944, 1286.
- 186-951-1003-1022.  
Propionamide, *N*-(2, 5-xylyl)-;  $\text{C}_6\text{H}_5\text{CONHC}_6\text{H}_3(\text{CH}_3)_2$ .  
NT *Culex quinquefasciatus*. 157.
- 186-951-1003-1022.  
Propionamide, *N*-(2, 6-xylyl)-;  $\text{C}_6\text{H}_5\text{CONHC}_6\text{H}_3(\text{CH}_3)_2$ .  
ST codling moth larvae; NT *Culex quinquefasciatus*. 157, 1286.
- 186-951-1004-1021.  
Propionamide, *N*-carvacryl-,  $\text{C}_6\text{H}_5\text{CONHC}_6\text{H}_3(\text{CH}_3)(\text{C}_6\text{H}_7)$ .  
ST corn borer and screwworm larvae; NT *Culex quinquefasciatus* and as mothproofing agent. 157, 239, 944, 1120.
- 186-951-1011.  
Acetanilide;  $\text{C}_6\text{H}_5\text{NHCOCH}_3$ . (*N*-Phenylacetamide; antifebrin).  
T Japanese beetle; ST codling moth larvae; NT as mothproofing agent. 915, 985, 1008, 1178, 1286.
- 186-951-1011-1021.  
*m*-Acetotoluide;  $\text{CH}_3\text{C}_6\text{H}_4\text{NHCOCH}_3$ . (*N*-Acetyl-*m*-toluidine; acet-*m*-toluidide).  
ST codling moth larvae. 1286.
- 186-951-1011-1021.  
*o*-Acetotoluide;  $\text{CH}_3\text{C}_6\text{H}_4\text{NHCOCH}_3$ . (*o*-Methylacetanilide; *N*-acetyl-*o*-toluidine; acet-*o*-toluidide).  
ST codling moth larvae. 494, 1286.
- 186-951-1011-1021.  
*p*-Acetotoluide;  $\text{CH}_3\text{C}_6\text{H}_4\text{NHCOCH}_3$ . (*N*-Acetyl-*p*-toluidine; acet-*p*-toluidide).  
T screwworm larvae; MT codling moth larvae; ST Japanese beetle; NT mosquito larvae. 157, 487, 494, 559, 944, 1286, 1291.
- 186-951-1011-1021.  
Acetamide, *N*-benzyl-,  $\text{C}_6\text{H}_5\text{CH}_2\text{NHCOCH}_3$ . (*N*-Acetylbenzylamine; acetobenzylamide).  
ST codling moth larvae. 1286.
- 186-951-1011-1022.  
Acetamide, *N*-(2, 4-xylyl)-;  $(\text{CH}_3)_2\text{C}_6\text{H}_3\text{NHCOCH}_3$ .  
ST codling moth larvae. 1286.
- 186-951-1011-1022.  
Acetamide, *N*-(2, 5-xylyl)-;  $(\text{CH}_3)_2\text{C}_6\text{H}_3\text{NHCOCH}_3$ .  
ST codling moth larvae. 1286.
- 186-951-1011-1022.  
Acetamide, *N*-(2, 6-xylyl)-;  $(\text{CH}_3)_2\text{C}_6\text{H}_3\text{NHCOCH}_3$ .  
ST codling moth larvae. 1286.
- 186-951-1011-1022.  
Acetamide, *N*-xylyl-,  $\text{CU}$ ;  $(\text{CH}_3)_2\text{C}_6\text{H}_3\text{NHCOCH}_3$ . (Acetyl-*o*-methyl toluidine).  
NT codling moth. 915.
- 186-951-1012.  
Acetanilide, *N,N'*-*o*-phenylenebis-;  $\text{C}_6\text{H}_4(\text{NHCOCH}_3)_2$ .  
ST Japanese beetle. 494, 1008.
- 186-951-1012.  
Acetamide, *N,N'*-*p*-phenylenebis-;  $\text{C}_6\text{H}_4(\text{NHCOCH}_3)_2$ . (*N,N*-Diacetyl-*p*-phenylene diamine).  
ST codling moth at 4%. 1481.
- 186-951-1021.  
Formanilide;  $\text{C}_6\text{H}_5\text{NHCCHO}$ .  
ST codling moth and screwworm larvae. 156, 915, 1286.
- 186-951-1022.  
Formamide, *N*-benzyl-,  $\text{C}_6\text{H}_5\text{CH}_2\text{NHCCHO}$ .  
ST codling moth larvae. 1286.
- 186-951-1022.  
*m*-Formotoluide;  $\text{CH}_3\text{C}_6\text{H}_4\text{NHCCHO}$ .  
ST codling moth larvae. 1286.
- 186-951-1022.  
*o*-Formotoluide;  $\text{CH}_3\text{C}_6\text{H}_4\text{NHCCHO}$ .  
ST codling moth larvae. 1286.
- 186-951-1022.  
*p*-Formotoluide;  $\text{CH}_3\text{C}_6\text{H}_4\text{NHCCHO}$ .  
ST codling moth larvae. 1286.
- 186-951-1023.  
Formamide, *N*-(2, 4-xylyl)-;  $(\text{CH}_3)_2\text{C}_6\text{H}_3\text{NHCCHO}$ .  
T screwworm larvae; ST codling moth larvae; NT *Culex quinquefasciatus* larvae. 157, 944, 1286.
- 186-951-1023.  
Formamide, *N*-(2, 5-xylyl)-;  $(\text{CH}_3)_2\text{C}_6\text{H}_3\text{NHCCHO}$ .  
T screwworm larvae; ST codling moth larvae; NT *Culex quinquefasciatus* larvae. 157, 944, 1286.
- 186-951-1023.  
Formamide, *N*-(2, 6-xylyl)-;  $(\text{CH}_3)_2\text{C}_6\text{H}_3\text{NHCCHO}$ .

- T screwworm larvae; ST codling moth larvae. 944, 1286.
- 186-952-1003. Propionanilide, *p*-phenyl-;  $C_6H_5C_6H_4NHCOCH_2CH_3$ . (*N*-Xenylpropionamide).  
ST codling moth larvae, corn borer, and as mothproofing agent. 239, 1120, 1286.
- 186-952-1011. Oxanilide;  $(-CONHC_6H_5)_2$ . (*N,N'*-Diphenyloxamide; oxalic acid dianilide).  
NT screwworms and codling moth. 156, 494, 915.
- 186-952-1011. Acetanilide, *p*-phenyl-;  $CH_3CONHC_6H_4C_6H_5$ . (*N*-Xenylacetamide).  
MT *Culex quinquefasciatus*; ST corn borer, codling moth larvae, and as mothproofing agent. 157, 239, 1120, 1286.
- 186-952-1011-1022. Benzamide, *N,N'*-ethylenebis-;  $(C_6H_5CONHCH_2)_2$ . (Dibenzoyl ethylene diamine).  
ST codling moth larvae; NT *Bombyx mori* larvae. 559, 915.
- 186-952-1012. Acetamide, 4, 4'-biphenylenebis-;  $(CH_3CONHC_6H_4)_2$ . (Diacetyl benzidine; *p,p'*-bisacetanilide).  
NT screwworm and *Bombyx mori* larvae. 156, 559.
- 186-952-1021. Benzanilide;  $C_6H_5CONHC_6H_5$ .  
ST screwworm and codling moth larvae; NT clothes moth larvae and greenhouse red spider. 156, 915, 985, 1176, 1286, 1481.
- 186-952-1021. Fornanilide, *p*-phenyl-;  $HCONHC_6H_4C_6H_5$ . (*N*-Xenylformamide).  
HT *Culex quinquefasciatus*; ST corn borer, codling moth larvae, and as mothproofing agent. 157, 239, 1120, 1286.
- 186-952-1022. *m*-Benzotoluidide;  $C_6H_5CONHC_6H_4CH_3$ . (Benzoyl-*m*-toluidine; *N*-benzoyl-*m*-toluidine; *m*-benzotoluidide).  
ST codling moth larvae. 1286.
- 186-952-1022. *o*-Benzotoluidide;  $C_6H_5CONHC_6H_4CH_3$ . (Benzoyl-*o*-toluidine; *N*-benzoyl-*o*-toluidine).  
ST codling moth larvae; NT screwworms. 156, 915, 1286.
- 186-952-1022. *p*-Benzotoluidide;  $C_6H_5CONHC_6H_4CH_3$ . (Benzoyl-*p*-toluidine; *N*-benzoyl-*p*-toluidine).  
ST codling moth larvae. 1286.
- 186-952-1022. Benzamide, *N*-benzyl-;  $C_6H_5CONHCH_2C_6H_5$ .  
ST codling moth larvae. 1286.
- 186-952-1023. Benzamide, *N*-(2, 4-xylyl)-;  $C_6H_5CONHC_6H_3(CH_3)_2$ .  
MT *Culex quinquefasciatus* larvae; ST codling moth and screwworm larvae. 157, 944, 1286.
- 186-952-1023. Benzamide, *N*-(2, 5-xylyl)-;  $C_6H_5CONHC_6H_3(CH_3)_2$ .  
ST codling moth and screwworm larvae. 944, 1286.
- 186-952-1023. Benzamide, *N*-(2, 6-xylyl)-;  $C_6H_5CONHC_6H_3(CH_3)_2$ .  
MT *Culex quinquefasciatus* larvae; ST codling moth larvae; NT screwworm larvae. 157, 944, 1286.
- 186-952-1021. Benzanilide, 4'-phenyl-;  $C_6H_5CONHC_6H_4C_6H_5$ . (*N*-Xenylbenzamide).  
ST corn borer and codling moth larvae; NT *Culex quinquefasciatus* larvae. 157, 239, 1120, 1286.
- 186-961-985. Palmitamide, *N*-cyclohexyl-;  $CH_3(CH_2)_{13}CH_2CONHC_6H_{11}$ .  
ST codling moth larvae. 1286.
- 186-961-989. Lauramide, *N*-cyclohexyl-;  $CH_3(CH_2)_8CH_2CONHC_6H_{11}$ .  
ST codling moth larvae. 1286.
- 186-961-1003. Propionamide, *N*-cyclohexyl-;  $C_6H_{11}NHCOCH_2CH_3$ .  
ST codling moth larvae. 1286.
- 186-961-1011. Acetamide, *N*-cyclohexyl-;  $C_6H_{11}NHOCCH_3$ . (*N*-Acetyl cyclohexylamine).  
T *Myzus persicae*; ST codling moth larvae. 487, 772, 1286.
- 186-961-1021. Formamide, *N*-cyclohexyl-;  $C_6H_{11}NH_2OCH$ . (*N*-Formyl cyclohexylamine).  
T *Myzus persicae*; ST codling moth larvae; NT *Tetranychus telarius*. 772, 1286.
- 186-983-1021-1193-1325-1350. Methanephosphonic acid, stearyl amino-;  $C_{17}H_{35}CONHCH_2PO(OH)_2$ . 313A.
- 186-989-1001. Lauramide, *N*-isobutyl-;  $C_{11}H_{23}CONHCH_2CH(CH_3)_2$ . (Isobutylamide of lauric acid).  
HT fly spray. 105P, 112.
- 186-989-1001-1030. Lauramide, *N*-(2-methylallyl)-;  $C_{11}H_{23}CONHCH_2C(CH_3)=CH_2$ . (Amide, lauric acid, *N*-methylallyl-).  
ST houseflies at 0.5%. 1276.
- 186-989-1003-1030. Lauramide, *N*-allyl-;  $C_{11}H_{23}CONHCH_2CH=CH_2$ . (Amide, lauric acid, *N*-allyl-).  
NT houseflies at 0.5%. 1276.
- 186-990-1001-1030. 10-Hendecanamide, *N*-butyl-;  $C_{10}H_{21}CONHC_4H_9$ . (*N*-Butyl amide of 10, 11-undecylenic acid).  
HT fly spray. 105P, 112.
- 186-990-1001-1030. 10-Hendecanamide, *N*-isobutyl-;  $C_{10}H_{21}CONHCH(CH_3)_2$ .  
HT fly spray. 105P, 112, 736P.
- 186-990-1001-1030. Hendecanamide, *N*-isobutyl-, CU;  $CH_3CH=CH(CH_2)_7CONHC_4H_9$ . (Amide, undecylenic acid, isobutyl-).  
NT houseflies. 1276.
- 186-990-1001-1033. Hendecanamide, *N*-(2-methylallyl)-;  $CH_3CH=CH(CH_2)_7CONHCH_2C(CH_3)=CH_2$ . (Amide, undecylenic acid, *N*-methylallyl-).  
ST houseflies at 0.5%. 1276.
- 186-990-1003-1033. Hendecanamide, *N*-allyl-;  $CH_3CH=CH(CH_2)_7CONHCH_2CH=CH_2$ . (Amide, undecylenic acid, *N*-allyl-).  
HT houseflies at 0.5%. 1276.
- 186-997-1001. Caproamide, *N*-isobutyl-;  $C_6H_{11}CONHCH(CH_3)_2$ . (Isobutylamide of capric acid).  
HT fly spray. 105P, 112.
- 186-1001-1045. Coconut oil, acid amides. [Mixture of isobutylamides of octanoic, decanoic, and lauric acids (from coconut oil acids)].  
HT fly spray. 105P, 112.
- 186-1045. Amides, *N*-substituted.  
T screwworm larvae, melon worm, southern beet webworm, imported cabbage worm, and the southern army worm. 1312.
- 187-230-581-983. Morpholine, 4-(12-hydroxystearoyl)-;  $O(C_2H_4)_2NCO(C_{17}H_{35})OH$ .  
Fly spray. 112, 1224P.
- 187-230-581-983-1030. Morpholine, 4-ricinoleyl-;  $HOC_{17}H_{33}CON(C_2H_4)_2O$ .  
Fly spray. 112, 1224P.
- 187-230-961-1022. 1, 2-Cyclohexanedicarboxylic acid, di-4-morpholide;  $C_6H_{10}[CON(C_2H_4)_2O]_2$ . (Morpholide of hexahydrophthalic acid).  
Fly spray. 112, 1224P.
- 187-230-983-1030. Morpholine, 4-oleyl-;  $C_{17}H_{33}CON(C_2H_4)_2O$ .  
Fly spray. 112, 1224P.
- 187-230-989. Morpholine, 4-dodecanoyl-;  $C_{11}H_{23}CON(C_2H_4)_2O$ .  
Fly spray. 112, 1224P.
- 187-230-990-1030. Morpholine, 4-(10-hendecanoyl)-;  $C_{10}H_{21}CON(C_2H_4)_2O$ . (4-(10, 11-Undecylenyl)morpholine).  
HT fly spray. 112, 1224P.
- 187-230-991. Sebacic acid, di-4-morpholide-;  $(CH_2)_8[CON(C_2H_4)_2O]_2$ .  
Fly spray. 112, 1224P.

- 187-230-992.  
Azelaic acid, di-4-morpholide-;  $(\text{CH}_3)_7\text{fCON}(\text{C}_2\text{H}_4)_2\text{O}$ .  
Fly spray. 112, 1224P.
- 187-230-993.  
Suberic acid, di-4-morpholide-;  $(\text{CH}_3)_8\text{fCON}(\text{C}_2\text{H}_4)_2\text{O}$ .  
Fly spray. 112, 1224P.
- 187-242-950-951-1011.  
Acetanilide, *N*-2-benzoxazolyl-;  $\text{CH}_3\text{CON}(\text{C}_6\text{H}_5)\text{CONC}_6\text{H}_4\text{O}$ . (2-(1)-(N-Phenylacetamido)benzoxazole).  
HT codling moth and mosquito larvae. 487, 1291.
- 187-250-989-1002-1022.  
Dodecylxanthic acid, anhydride with dibutylcarbamate acid;  $\text{C}_{12}\text{H}_{25}\text{OCSSCON}(\text{C}_4\text{H}_9)_2$ . (Dibutylamide of dodecylxanthic formic acid). 1472P.
- 187-250-989-1011-1023.  
Dodecylxanthic acid, anhydride with ethylmethylcarbamate acid;  $\text{C}_{12}\text{H}_{25}\text{OCSSCONCH}_2(\text{C}_2\text{H}_5)$ . (*N*-Methyl-*N*-ethylamide of dodecylxanthic formic acid). 1472P.
- 187-258-581-851-952-1022.  
1-Phenol-2-sulfonic acid, 4-chloro-6-methylphenylcarbamyl-;  $\text{Cl}(\text{OH})\text{C}_6\text{H}_3(\text{SO}_3\text{H})\text{CON}(\text{CH}_3)\text{C}_6\text{H}_5$ . (Salicylic acid, 5-chloro-3-sulpho-*N*-methylanilide).  
T as mothproofing agent. 464P, 1176.
- 187-258-996-1001-1022-1218.  
Ethanesulfonic acid, 1, 2-bis(heptylmethylcarbamyl)-, sodium salt;  $(\text{CH}_3)(\text{C}_7\text{H}_{15})\text{NCOCH}(\text{SO}_3\text{Na})\text{CH}_2\text{CON}(\text{CH}_3)(\text{C}_7\text{H}_{15})$ . (Sodium bis(*N*-methyl, *N*-heptyl) sulphosuccinamide). 624P.
- 187-376-951-999-1021.  
Urea, 1-phenyl-2-thio-1-valeryl-;  $\text{C}_6\text{H}_5(\text{C}_4\text{H}_9\text{CO})\text{NC}(\text{S})\text{NH}_2$ . (Urea, asym.-phenylvalerylthio-).  
T as mothproofing agent. 416P, 424P, 683P, 1175.
- 187-440-852-950.  
Phenothiazine, 10-( $\alpha$ , $\alpha$ -dichloroacetyl)-? ( $\text{C}_{12}\text{H}_8\text{NS})\text{COCHCl}_2$ ? (Diphenylamine, acetyldichlorothio-).  
T as mothproofing agent. 873P, 1176.
- 187-440-950-989.  
Phenothiazine, 10-lauroyl-; ( $\text{C}_{12}\text{H}_8\text{NS})\text{COC}_{11}\text{H}_{23}$ .  
ST Mexican bean beetle and Colorado potato beetle; fly spray. 112, 606, 1224P, 1432.
- 187-440-950-1011.  
Phenothiazine, 10-acetyl-; ( $\text{C}_{12}\text{H}_8\text{NS})\text{COCH}_3$ .  
HT mosquito larvae; MT Mexican bean beetle and Colorado potato beetle; NT codling moth. 158, 487, 606, 1291, 1432.
- 187-440-950-1011-1022.  
Phenothiazine, 10-acetyl- 3, 7-dimethyl-;  $(\text{CH}_3)_2(\text{C}_{12}\text{H}_8\text{NS})\text{COCH}_3$ .  
T *Lucilia cuprina* larvae. 849.
- 187-541-951-1012.  
Glycine, *N*-acetyl-*N*-phenyl-;  $\text{C}_6\text{H}_5\text{N}(\text{COCH}_3)\text{CH}_2\text{COOH}$ . (Acetic acid, acetylphenylamino-; *N*-phenyl acetic acid?).  
T as mothproofing agent. 329P, 1176.
- 187-551-696-740-950-990-1013-1022-1291.  
Ammonium chloride, (carbethoxymethyl)dimethyl-[1-(2, 3-dihydro-2-hendecylindolyl)carbonylmethyl]-;  $\text{C}_{11}\text{H}_{23}(\text{C}_6\text{H}_7\text{N})\text{COCH}_2\text{N}(\text{CH}_3)_2(\text{Cl})\text{CH}_2\text{COOC}_2\text{H}_5$ . (2-Hendecyl-2, 3-dihydroindole-*N*-dimethylaminoacetic acid + chloroacetic acid ethyl ester). 520P.
- 187-551-961-1001-1011-1022.  
Sarcosine, *N*-fluorobutyl-, methyl ester;  $\text{FC}_4\text{H}_9\text{CON}(\text{CH}_3)\text{CH}_2\text{COOCH}_3$ ? (Monofluorobutyric acid-methylsarcoside). 345P.
- 187-625-961-1011-1021.  
Acetanilide, *N*-cyclohexyl-*N*-tetrahydrofurfuryl-;  $(\text{C}_6\text{H}_7\text{O})\text{CH}_2\text{N}(\text{OCCH}_3)\text{C}_6\text{H}_{11}$ . (*N,N*-Tetrahydrofurfuryl-acetyl cyclohexylamine).  
T *Myzus persicae*. 772.
- 187-626-730-950-999-1030.  
Piperine;  $\text{C}_{17}\text{H}_{26}\text{NO}_2$ .  
T houseflies at 0.5%. 646.
- 187-671-951-989-1011-1022.  
Acetanilide,  $\alpha$ -dimethylamino-*N*-dodecyl-;  $(\text{CH}_3)_2\text{NCH}_2\text{CON}(\text{C}_{12}\text{H}_{25})\text{C}_6\text{H}_5$ . (*N*-Lorylanilide of dimethylaminoacetic acid). 524P.
- 187-691-953-1024.  
Benzamide, *N*-benzyl-*N*-(*p*-dimethylaminophenyl)-;  $\text{C}_6\text{H}_5\text{CH}_2(\text{C}_6\text{H}_4\text{CONC}_6\text{H}_4\text{N}(\text{CH}_3)_2)$ . (*N'*-( $\alpha$ -Benzoyl)benzylidene-; *N,N*-dimethyl-*p*-phenylenediamine).  
NT European corn borer at 4 lbs./100 gal. 1122.
- 187-730-950-989.  
Quinoline, decahydro-1-lauroyl-;  $\text{C}_{11}\text{H}_{23}\text{CO}(\text{NC}_8\text{H}_7)$ . (1-*n*-Dodecanoyldecahydroquinoline).  
Fly spray. 112, 1224P.
- 187-730-951-989-1011.  
Acetanilide, *N*-dodecyl- $\alpha$ -1-piperidyl-? ( $\text{C}_6\text{H}_5\text{N})\text{CH}_2\text{CON}(\text{C}_{12}\text{H}_{25})\text{C}_6\text{H}_5$ ? (*N*-Lorylanilide of piperidinoacetic acid). 524P.
- 187-730-951-1001-1021-1030.  
Benzamide, *N*-methyl-*N*-[4-(3-pyridyl)-3-butenyl]-;  $\text{CH}_3\text{N}(\text{COC}_6\text{H}_4)\text{CH}_2\text{CH}_2\text{CH}:\text{CH}(\text{C}_5\text{H}_4\text{N})$ . (Benzoyl-*m*-metanictine).  
T *Aphis rumicis*. 1151.
- 187-730-989.  
Piperidine, 1-lauroyl-;  $\text{C}_{11}\text{H}_{23}\text{CO}(\text{NC}_5\text{H}_{10})$ . (1-*n*-Dodecanoylpiperidine).  
Fly spray. 112, 1224P.
- 187-730-951-1021.  
Piperidine, 1-benzoyl-;  $\text{C}_6\text{H}_5\text{CO}(\text{NC}_5\text{H}_{10})$ . (Benzoylpiperidine).  
T codling moth; NT silkworm. 559, 915.
- 187-730-993.  
Piperidine, 1-caprylyl-2-(3-pyridyl)-;  $\text{C}_7\text{H}_{15}\text{CO}(\text{NC}_5\text{H}_9)\text{C}_5\text{H}_4\text{N}$ . (1-Octanoyl-2-(3-pyridyl) piperidine).  
Fly spray. 112, 1224P.
- 187-730-995.  
Piperidine, 1-emaathyl-;  $\text{C}_8\text{H}_{17}\text{CO}(\text{NC}_5\text{H}_9)$ . (1-Heptanoylpiperidine).  
Fly spray. 112, 1224P.
- 187-730-1011.  
Piperidine, 1-acetyl-?  $\text{CH}_3\text{CO}(\text{NC}_5\text{H}_9)$ ? (Acetyl piperidine).  
NT *Chrysomphalus aurantii*. 268.
- 187-740-852-950-1011.  
Carbazole, dichloro-9-acetyl-, CU? ( $\text{Cl}_2\text{C}_8\text{H}_7\text{N})\text{COCH}_3$ . (Carbazole, acetyl dichloro-; acetyl dichlorodiphenylbenzimidazole).  
T as mothproofing agent. 328P, 330P, 874P, 1176.
- 187-740-950-951-1021.  
Carbazole, 9-benzoyl-; ( $\text{C}_{12}\text{H}_8\text{N})\text{COC}_6\text{H}_5$ . (Benzoyl diphenylbenzimidazole).  
T as mothproofing agent. 328P, 487, 1176, 1291.
- 187-740-950-1011.  
Carbazole, 9-acetyl-;  $\text{CH}_3\text{CO}(\text{NC}_{12}\text{H}_8)$ . (*N*-Acetylcabazole; acetyl dibenzopyrrole; acetyl diphenylbenzimidazole).  
T as mothproofing agent. 328P, 873P, 1176, 1291, 1487.
- 187-742-950-987.  
Benzimidazole, 1-myristoyl-; ( $\text{C}_{17}\text{H}_{33}\text{N}_2\text{O})\text{COC}_6\text{H}_5$ ? (*N*-Myristyl benzimidazole).  
ST codling moth at 4%; NT potato leaf-hopper. 1192P.
- 187-851-951-1011.  
Acetanilide,  $\alpha$ -chloro-*N*-phenyl-; ( $\text{C}_6\text{H}_5$ ) $_2\text{NCOCH}_2\text{Cl}$ . (*N*-Chloroacetyl-diphenylamine).  
MT mosquito larvae. 487.
- 187-853-951-1012.  
Acetanilide, *N*-trichloroethyl-?  $\text{CH}_3\text{CON}(\text{C}_2\text{H}_2\text{Cl}_3)\text{C}_6\text{H}_5$ ? (Trichloroethylacetanilide).  
T as mothproofing agent. 1176, 1365P.
- 187-951-961-999-1021.  
Benzamide, *N*-amyl-*N*-cyclohexyl-;  $\text{C}_6\text{H}_{11}\text{N}(\text{C}_5\text{H}_{11})\text{COC}_6\text{H}_5$ . (*N,N*-Amyl-benzoyl cyclohexylamine).  
T *Myzus persicae* and houseflies at 2%. 112, 673P, 772, 1276.
- 187-951-961-1001-1021.  
Benzamide, *N*-butyl-*N*-cyclohexyl-;  $\text{C}_6\text{H}_{11}\text{N}(\text{C}_4\text{H}_9)\text{COC}_6\text{H}_5$ . (*N*-Butyl-*N*-benzoyl-cyclohexylamine).  
HT houseflies. 112, 174P.
- 187-951-961-1011.  
Acetanilide, *N*-cyclohexyl-;  $\text{C}_6\text{H}_{11}\text{N}(\text{C}_6\text{H}_5)\text{COCH}_3$ . (*N,N*-Phenyl-acetyl cyclohexylamine).  
T *Myzus persicae*. 112, 174P, 772.
- 187-951-961-1011-1021.  
Benzamide, *N*-cyclohexyl-*N*-ethyl-;  $\text{C}_6\text{H}_{11}\text{N}(\text{C}_6\text{H}_5)\text{COC}_2\text{H}_5$ . (*N*-Ethyl-*N*-benzoyl cyclohexylamine).  
HT houseflies. 112, 174P, 1276.
- 187-951-961-1011-1021.  
Acetanilide, *N*-benzyl-*N*-cyclohexyl-;  $\text{C}_6\text{H}_{11}\text{N}(\text{CH}_2\text{C}_6\text{H}_5)\text{COCH}_3$ . (*N,N*-Benzyl-acetyl cyclohexylamine).  
T *Myzus persicae*. 772.
- 187-951-961-1011-1022.  
Acetanilide, *N*-benzyl-*N*-( $\alpha$ -methylecyclohexyl)-;  $\text{CH}_3$ -

- $C_6H_{10}N(CH_2C_6H_5)OCC_6H_5$ . (*N,N*-Benzyl-acetyl-*o*-methyl cyclohexylamine).  
T *Myzus persicae*. 772.
- 187-951-1001-1011.  
Acetanilide, *N*-butyl-;  $C_6H_5N(C_4H_9)COCH_3$ . (Acetyl *n*-butylaniline).  
NT *Chrysomphalus aurantii*. 268.
- 187-951-1003-1011.  
Acetanilide, *N*-propyl-;  $C_6H_5N(COCH_3)C_3H_7$ . (Acetyl *n*-propylaniline).  
T codling moth larvae and T screwworms at 0.10-0.17%. 156, 915.
- 187-951-1011-1021.  
Acetanilide, *N*-methyl-;  $CH_3CON(CH_3)C_6H_5$ . (Methylacetanilide).  
T screwworms at 0.10-0.17%. 156.
- 187-951-1011-1022.  
*m*-Acetotoluide, *N*-methyl-;  $CH_3CON(CH_3)C_6H_4-CH_3$ .  
T *Cochliomyia americana* C and P; NT as mothproofing agent. 239, 944.
- 187-951-1011-1022.  
*o*-Acetotoluide, *N*-methyl-;  $CH_3CON(CH_3)C_6H_4-CH_3$ . (*N*-Acetyl-*N*-methyl-*o*-toluidine).  
NT as mothproofing agent. 239.
- 187-951-1011-1022.  
*p*-Acetotoluide, *N*-methyl-;  $CH_3CON(CH_3)C_6H_4-CH_3$ .  
NT as mothproofing agent. 239.
- 187-952-1011.  
Acetanilide, *N*-phenyl-;  $(C_6H_5)_2NCOCH_3$ . (Acetyl diphenylamine; *N,N*-diphenylacetamide; *N*-phenylacetanilide).  
T as mothproofing agent; ST codling moth larvae and ST screwworms at 0.67%. 156, 873P, 915, 1176.
- 187-952-1021.  
Formanilide, *N*-phenyl-;  $HCON(C_6H_5)_2$ . (Formyl diphenylamine; *N*-phenylformanilide; *N,N*-diphenylformamide).  
MT *Bombyx mori* larvae; ST screwworms at 0.67%. 156, 487, 559.
- 187-961-993-1011.  
Acetamide, *N*-cyclohexyl-*N*-(2-ethylhexyl)-;  $C_6H_{11}N(COCH_3)CH_2CH(C_4H_9)C_2H_5$ . (*N*-(2-Ethylhexyl)-*N*-acetylcyclohexylamine).  
Fly spray. 112, 174P.
- 187-961-993-1011.  
Acetamide, *N*-cyclohexyl-*N*-octyl-;  $C_6H_{11}N(C_8H_{17})COCH_3$ . (*N,N*-Octyl-acetyl cyclohexylamine).  
T *Myzus persicae*. 772.
- 187-961-999-1001.  
Butyramide, *N*-amyl-*N*-cyclohexyl-;  $C_6H_{11}N(C_5H_{11})OCC_6H_5$ . (*N,N*-Amyl-butyl cyclohexylamine).  
T *Myzus persicae*. 772.
- 187-961-999-1003.  
Propionamide, *N*-amyl-*N*-cyclohexyl-;  $C_6H_{11}N(C_5H_{11})OCC_6H_5$ . (*N,N*-Amyl-propionyl cyclohexylamine).  
T *Myzus persicae*. 772.
- 187-961-999-1011.  
Acetamide, *N*-amyl-*N*-cyclohexyl-;  $C_6H_{11}N(C_5H_{11})COCH_3$ . (*N,N*-Amyl-acetyl cyclohexylamine).  
T *Myzus persicae* and as fly spray. 112, 174P, 772, 1276.
- 187-961-999-1021.  
Formamide, *N*-amyl-*N*-cyclohexyl-;  $C_6H_{11}N(C_5H_{11})OCH_3$ . (*N,N*-Amyl-formyl cyclohexylamine).  
T *Myzus persicae*. 772.
- 187-961-1001-1011.  
Acetamide, *N*-butyl-*N*-cyclohexyl-;  $C_6H_{11}N(C_4H_9)COCH_3$ . (*N,N*-Butyl-acetyl cyclohexylamine).  
T *Myzus persicae*; fly spray. 112, 174P, 772.
- 187-961-1001-1021.  
Formamide, *N*-butyl-*N*-cyclohexyl-;  $C_6H_{11}N(C_4H_9)COH$ . (*N,N*-Butyl formyl cyclohexylamine).  
ST *Myzus persicae* and *Tetranychus telarius*. 772.
- 187-961-1003-1011.  
Acetamide, *N*-cyclohexyl-*N*-propyl-;  $C_6H_{11}N(C_3H_7)COCH_3$ . (*N,N*-*n*-Propyl-acetyl cyclohexylamine).  
T *Myzus persicae*. 772.
- 187-961-1011-1021.  
Acetamide, *N*-cyclohexyl-*N*-methyl-;  $C_6H_{11}N(CH_3)COCH_3$ . (*N,N*-Methyl-acetyl cyclohexylamine).  
T *Myzus persicae*. 772.
- 187-961-1012.  
Acetamide, *N*-cyclohexyl-*N*-ethyl-;  $C_6H_{11}N(C_2H_5)COCH_3$ . (*N,N*-Ethyl-acetyl cyclohexylamine).  
T *Myzus persicae*; fly spray. 112, 174P, 772.
- 187-961-1045.  
Amides, *N*-cyclohexyl-*N*-substituted;  $RN(X)COY$ . (Cyclohexylamines, *N*-acyl-*N*-alkyl-).  
Fly spray. 112, 174P.
- 187-990-1002-1036.  
9-Hendecenamide, *N,N*-bis(2-methylallyl)-?  $CH_3CH=CH(CH_2)_7CON[CH_2C(CH_3)=CH_2]_2$ . (Amide, undecylenic acid, *N,N*-dimethylallyl-).  
MT houseflies at 0.5%. 1276.
- 187-1013.  
Acetamide, *N,N*-diethyl-;  $CH_3CON(C_2H_5)_2$ . (Acetyl diethylamine).  
NT red scale. 268.
- 187-1027.  
Amides;  $R_1CONR_2Ra$ .  
Fly sprays. 105P, 112, 736P.
- 188-192-951-1109.  
Hydroxylamine, *N*-nitroso-*N*-phenyl-, ammonium salt;  $C_6H_5N(NO)ONH_4$ . (Cupferron; ammonium phenyl nitroso hydroxylamine).  
T as mothproofing agent. 239.
- 188-1021.  
Methoxamine;  $CH_3ONH_2$ . ( $\alpha$ -Methylhydroxylamine).  
T red scale. 268, 1180.
- 189-951-1011-1021.  
Carbanilic acid, ethyl ester;  $C_6H_5NHCOOC_2H_5$ . (Ethyl *N*-phenylcarbamate; *N*-phenylurethan).  
MT screwworms at 0.10-0.17%. 156.
- 189-952-1011-1021.  
Carbamic acid, diphenyl-, ethyl ester;  $(C_6H_5)_2NCOOCH_3$ . (Ethyl ester of diphenylcarbamic acid; diphenylurethan).  
T codling moth larvae and as mothproofing agent; NT screwworm larvae. 156, 239, 915.
- 189-1011-1021.  
Carbamic acid, ethyl ester;  $C_6H_5OOCNH_2$ . (Urethane).  
MT *aphis ruscica*; NT codling moth larvae. 915, 1153.
- 190-571-951-1001.  
1, 2-Butanedione, 1-phenyl-, 2-oxime;  $C_6H_5COC(=NOH)CH_2CH_3$ . (1-Phenyl-1, 2-butanedione-2-monoxime).  
MT as mothproofing agent. 239.
- 190-571-951-1001.  
1, 2-Propanedione, 1-phenyl-, 2-oxime;  $C_6H_5COC(=NOH)CH_3$ . (1-Phenyl-1, 2-propanedione-2-monoxime).  
NT *Cochliomyia americana* C and P. 944.
- 190-571-951-1011.  
Glyoxal, phenyl-, 2-oxime;  $C_6H_5COCH=NOH$ . (Phenylglyoxal oxime).  
T *Cochliomyia americana* C and P at 0.17%. 944.
- 190-571-951-1022.  
Anisaldehyde, oxime;  $CH_3OC_6H_4CH=NOH$ . (Anisaldehyde oxime).  
T *Cochliomyia americana* C and P at 0.17%. NT corn borer. 944, 1120.
- 190-571-983.  
2, 3-Octanedione, 3-oxime;  $CH_3(CH_2)_4C(=NOH)COCH_3$ .  
MT as mothproofing agent. 239.
- 190-571-999.  
2, 3-Pentanedione, 3-oxime;  $CH_3CH_2C(=NOH)COCH_3$ .  
MT as mothproofing agent. 239.
- 190-571-1001.  
2, 3-Butanedione, 3-oxime;  $CH_3COC(=NOH)CH_3$ . (Biacetyl mono-oxime;  $\alpha$ -isoximinoethyl methyl ketone).  
MT as mothproofing agent. 239.
- 190-571-1001-1021.  
2, 3-Butanedione, 2-methoxime;  $CH_3COC(=NOCH_3)-CH_3$ . (Diacetyl monomethoxime).  
T *Sitophilus oryzae*. 1180.
- 190-581-591-951-1022.  
Vanillin, oxime;  $CH_3OC_6H_4(OH)CH=NOH$ .  
NT codling moth larvae and as mothproofing agent. 239, 1120.
- 190-591-953-1022.  
Benzophenone, *p*-benzyloxy-, oxime;  $C_6H_5CH_2OC_6H_4C(=NOH)C_6H_5$ . (Benzophenone, oxime, *p*-phenylmethoxy-).

- Fly spray. 112, 688P, 690P, 693P, 694P, 696P.  
190-625-1011.  
Gyloxime, di-2-furyl-;  $[\text{C}_6\text{H}_5\text{OC}(\text{NOH})]_2$ . (*a*-Furil dioxime).  
NT *Bombyx mori* larvae. 559.
- 190-625-1021.  
3-Furaldehyde, oxime;  $(\text{C}_6\text{H}_5\text{O})\text{CH}(\text{NOH})$ . ( $\beta$ -Furfuraldioxime).  
T *Cochliomyia americana* C and P at 0.17%. 944.
- 190-626-950-1021.  
Piperonal, oxime;  $(\text{CH}_3\text{O})_2\text{C}_6\text{H}_3\text{CHNOH}$ . ("Anti" and "Syn" forms).  
NT corn borer. 1120.
- 190-912.  
9-Fluorenone, oxime;  $(\text{C}_{12}\text{H}_9)\text{NOH}$ .  
NT *Cochliomyia americana* C and P. 944.
- 190-951.  
Quinone dioxime;  $\text{C}_6\text{H}_4(\text{:NH})_2$ . 721AP.
- 190-952-1011.  
Benzil, dioxime;  $[\text{C}_6\text{H}_5\text{C}(\text{NOH})]_2$ .  
ST *Bombyx mori* larvae. 559.
- 190-968-1023.  
*d*-Camphor, oxime.  
HT *Bombyx mori* larvae; T screwworms. 156, 559.
- 190-1001.  
Glyoxime, dimethyl-;  $(\text{CH}_3\text{CNOH})_2$ . (2, 3-Butanedione dioxime; diacetyl dioxime).  
T *Locustana pardalina* and *Normadacris septemfasciata*; MT *Bombyx mori* larvae; ST screwworms. 156, 559, 561, 1144.
- 190-1003.  
Acetone, oxime;  $\text{HONC}(\text{CH}_3)_2$ . (Acetoxime).  
ST codling moth larvae. 915.
- 192-206-951.  
Benzene, 1-nitro-2-nitroso-;  $\text{NO}_2\text{C}_6\text{H}_4\text{NO}$ . (*o*-Nitro-nitrosobenzene).  
NT *Cochliomyia americana* C and P. 944.
- 192-581-924.  
1-Naphthol, 2-nitroso-;  $\text{C}_{10}\text{H}_7(\text{NO})\text{OH}$ . (1, 2-Naphthoquinone, 2-oxime).  
ST *Cochliomyia americana* C and P, Mexican bean beetle, and Colorado potato beetle. 606, 944.
- 192-581-924.  
2-Naphthol, 1-nitroso-;  $\text{C}_{10}\text{H}_7(\text{NO})\text{OH}$ . (1, 2-Naphthoquinone-1-oxime).  
MT Colorado potato beetle, Mexican bean beetle, codling moth, and mosquito larvae; NT *Tineola bisulcella* and *Attagus piceus*. 487, 606, 739, 1176, 1291, 1481.
- 192-581-951.  
Phenol, *p*-nitroso-;  $\text{C}_6\text{H}_5\text{NO}_2$ . (Quinone monooxime).  
NT mosquito larvae. 487.
- 192-581-951-1003-1021.  
Thymol, 4-nitroso-;  $(\text{CH}_3)_2\text{CHC}_6\text{H}_3(\text{CH}_3)(\text{OH})\text{NO}$ .  
NT *Cochliomyia americana*. 944.
- 192-582-951.  
Resorcinol, 2, 4-dinitroso-;  $(\text{NO})_2\text{C}_6\text{H}_3(\text{OH})_2$ .  
T screwworms at 0.17-0.33%. 156.
- 192-582-951.  
Resorcinol, 4, 6-dinitroso-;  $(\text{NO})_2\text{C}_6\text{H}_3(\text{OH})_2$ .  
NT codling moth larvae; MT mosquito larvae. 487, 1291.
- 192-681-952.  
Diphenylamine, 4-nitroso-;  $\text{C}_6\text{H}_5\text{NHC}_6\text{H}_4\text{NO}$ . (*p*-Nitrosodiphenylamine).  
HT mosquito larvae; NT screwworm larvae. 156, 487.
- 192-691-951-1012.  
Aniline, *N,N*-diethyl-*p*-nitroso-;  $\text{NOC}_6\text{H}_4\text{N}(\text{C}_2\text{H}_5)_2$ . (*N,N*-Diethyl-*p*-nitroso aniline? *p*-nitrosodiethylaniline).  
MT mosquito larvae; T screwworms. 172, 944.
- 192-691-951-1022.  
Aniline, *N,N*-dimethyl-*p*-nitroso-;  $(\text{CH}_3)_2\text{NC}_6\text{H}_4\text{NO}$ . (*p*-Nitrosodimethylaniline).  
T mosquito larvae; MT codling moth larvae. 487, 1291, 1319.
- 192-951.  
Benzene, nitroso-;  $\text{C}_6\text{H}_5\text{NO}$ .  
HT mosquito larvae. 487.
- 192-951-1011-1030.  
Styrene,  $\beta$ -nitroso-;  $\text{C}_6\text{H}_5\text{CH=CHNO}$ .  
T *Cochliomyia americana* C and P at 0.17%. 944.
- 194-571-730-1024.  
4-Piperidone, 1-nitroso-2, 2, 6, 6-tetramethyl-;  $(\text{CH}_3)_4\text{C}_4\text{H}_8\text{N}(\text{:O})(\text{CH}_3)_2\text{NO}$ ?  
T screwworm larvae; MT as mothproofing agent. 239, 944.
- 194-732.  
Piperazine, 1, 4-dinitroso-;  $\text{ONN}(\text{CH}_2\text{CH}_2)_2\text{NNO}$ .  
T as mothproofing agent. 239.
- 194-951-961-1021.  
Cyclohexylamine, *N*-benzyl-*N*-nitroso-;  $\text{C}_6\text{H}_{11}\text{N}(\text{NO})\text{CH}_2\text{C}_6\text{H}_5$ . (*N,N*-Nitroso-benzyl cyclohexylamine).  
NT *Myzus persicae* and *Tetranychus telarius*. 772.
- 194-951-1021.  
Aniline, *N*-methyl-*N*-nitroso-;  $\text{C}_6\text{H}_5\text{N}(\text{CH}_3)\text{NO}$ . (Methylphenylnitrosamine; *N*-methyl-*N*-nitroso-aniline).  
T screwworms at 0.01-0.03%; MT *Culex quinquefasciatus* larvae. 156, 157.
- 194-952.  
Diphenylamine, *N*-nitroso-;  $\text{C}_6\text{H}_5\text{N}(\text{NO})\text{C}_6\text{H}_5$ . (*s*-Diphenylnitrosamine).  
HT codling moth larvae at 4%; T southern beet webworm, Colorado potato beetle, *Bombyx mori*, and potato leaf-hopper; ST screwworms at 0.67%; NT roaches. 156, 503P, 559, 587, 1312, 1481.
- 194-952-1021.  
Benzylamine, *N*-nitroso-*N*-phenyl-;  $\text{C}_6\text{H}_5\text{CH}_2\text{N}(\text{NO})\text{C}_6\text{H}_5$ . (Benzylphenylnitrosamine; *N*-nitroso-*N*-phenylbenzylamine).  
NT screwworms. 156.
- 194-952-1022.  
Dibenzylamine, *N*-nitroso-;  $(\text{C}_6\text{H}_5\text{CH}_2)_2\text{NNO}$ .  
T as mothproofing agent. 239.
- 194-962.  
Dicyclohexylamine, *N*-nitroso-;  $(\text{C}_6\text{H}_{11})_2\text{NNO}$ .  
MT *Culex quinquefasciatus*; NT *Myzus persicae* and *Tetranychus telarius*. 157, 772.
- 196-951.  
Oxides of phenolic amines.  
T as mothproofing compounds. 152P.
- 200-989.  
Cyanic acid, dodecyl ester;  $\text{C}_{12}\text{H}_{25}\text{OCN}$ . (Lauryl cyanate). 693P.
- 201-924.  
Isocyanic acid, 2-naphthyl ester;  $\text{C}_{10}\text{H}_7\text{NCO}$ . (2-Naphthyl isocyanate).  
NT screwworm larvae. 156.
- 206-230-951.  
Morpholine, 4-(*p*-nitrophenyl)-;  $\text{O}_2\text{NC}_6\text{H}_4\text{N}(\text{CH}_2)_3\text{O}$ .  
NT corn borer and screwworm larvae. 944, 1120.
- 206-258-591-671-851-953-1021.  
Benzenesulfonic acid, 4-benzoyloxy-3-nitro-, *p*-chloro-aniline salt;  $\text{C}_6\text{H}_5\text{CH}_2\text{OC}_6\text{H}_3(\text{NO}_2)\text{SO}_3\text{NH}_2\text{C}_6\text{H}_4\text{Cl}$ . (Sulfonic acid, 4-phenylmethoxy-3-nitrophenyl-*p*-chloroaniline salt).  
Fly spray. 112, 688P, 690P, 691P, 692P, 693P, 694P, 695P, 696P.
- 206-258-591-671-953-1022.  
Benzenesulfonic acid, 4-benzoyloxy-3-nitro-, toluidine salt;  $\text{C}_6\text{H}_5\text{CH}_2\text{OC}_6\text{H}_3(\text{NO}_2)\text{SO}_3\text{NH}_2\text{C}_6\text{H}_4\text{CH}_3$ . (Benzenesulfonic acid, 3-nitro-4-phenylmethoxy-, toluidine salt).  
Fly spray. 112, 688P, 690P, 691P, 692P, 693P, 694P, 695P, 696P.
- 206-258-591-952-1021-1218.  
Benzenesulfonic acid, 4-benzoyloxy-3-nitro-, sodium salt;  $\text{C}_6\text{H}_5\text{CH}_2\text{OC}_6\text{H}_3(\text{NO}_2)\text{SO}_3\text{Na}$ . (Benzenesulfonic acid, 4-phenylmethoxy-3-nitro-, sodium salt).  
Fly spray. 112, 688P, 690P, 691P, 692P, 693P, 694P, 695P, 696P.
- 206-258-591-951-1021-1218.  
Metanilic acid, 6-nitro-*N*-*p*-tolyl-, sodium salt;  $\text{CH}_3\text{-C}_6\text{H}_4\text{NHC}_6\text{H}_3(\text{NO}_2)\text{SO}_3\text{Na}$ . (Sodium 4-nitro-4'-methylidiphenylamine-3-sulfonate).  
T screwworms at 0.33-0.67%. 156.
- 206-258-591-951-1218.  
Benzenesulfonic acid, 2-anilino-5-nitro-, sodium salt;  $\text{C}_6\text{H}_5\text{NHC}_6\text{H}_3(\text{NO}_2)\text{SO}_3\text{Na}$ . (Sodium 4-nitrodiphenylamine-2-sulfonate).  
T screwworms at 0.33-0.67%. 156.
- 206-258-541-951.  
Benzenesulfonic acid, 4-bromo-3-nitro-;  $\text{BrC}_6\text{H}_3\text{-}$

- (NO<sub>2</sub>)SO<sub>2</sub>H. (2-Nitrobromobenzene-4-sulfonic acid).  
ST screwworms at 0.67%. 156.
- 206-258-851-951.  
Benzenesulfonic acid, 2-chloro-5-nitro-; ClC<sub>6</sub>H<sub>3</sub>-(NO<sub>2</sub>)SO<sub>2</sub>H. (4-Nitrochlorobenzene-2-sulfonic acid).  
ST screwworms at 0.67%; NT mosquito larvae. 156, 172.
- 206-258-951.  
Benzenesulfonic acids, nitro-, CU.  
T as mothproofing agent. 331P, 1176.
- 206-258-951-1022.  
p-Toluenesulfonic acid, 2-nitro-, methyl ester; CH<sub>3</sub>-C<sub>6</sub>H<sub>4</sub>(NO<sub>2</sub>)SO<sub>2</sub>OCH<sub>3</sub>. (Methyl-2-nitro-p-toluene-sulfonate).  
NT *Phlyctaenia rubigalis*. 949.
- 206-301-950.  
Phenoxathiin, 3-nitro-; (C<sub>12</sub>H<sub>7</sub>OS)NO<sub>2</sub>. (3-Nitro-phenothioxin).  
NT mosquito larvae. 487.
- 206-301-950-1021.  
Phenoxathiin, 3-methyl-6-nitro-; CH<sub>3</sub>(C<sub>12</sub>H<sub>6</sub>OS)NO<sub>2</sub>. (3-Methyl-6-nitrophenothioxin).  
NT mosquito larvae. 487.
- 206-331-951-1021.  
Benzoyl chloride, m-nitro-; C<sub>6</sub>H<sub>4</sub>(NO<sub>2</sub>)COCl.  
T screwworms at 0.17-0.33%. 156.
- 206-331-951-1021.  
Benzoyl chloride, p-nitro-; C<sub>6</sub>H<sub>4</sub>(NO<sub>2</sub>)COCl.  
NT screwworms. 156.
- 206-340-552-951-1011.  
Benzene, 1-iodo-4-nitro-, acetate; (NO<sub>2</sub>)C<sub>6</sub>H<sub>4</sub>I-(OCOCH<sub>3</sub>)<sub>2</sub>. (p-Nitroiodobenzene acetate).  
MT *Culex quinquefasciatus*; NT screwworms and as mothproofing agent. 157, 239, 944.
- 206-340-951.  
Benzene, 1-iodo-2-nitro-; C<sub>6</sub>H<sub>4</sub>(NO<sub>2</sub>)IO. (o-Iodo-snitrobenzene).  
T many insects and as mothproofing agent. 110, 172, 239, 1312, 1315P.
- 206-340-951.  
Benzene, 1-iodo-3-nitro-; C<sub>6</sub>H<sub>4</sub>(NO<sub>2</sub>)IO. (m-Iodo-snitrobenzene).  
T many species of insects. 110, 1312, 1315P.
- 206-340-951.  
Benzene, 1-iodo-4-nitro-; C<sub>6</sub>H<sub>4</sub>(NO<sub>2</sub>)IO. (p-Iodo-snitrobenzene).  
T many species of insects and as mothproofing agent; ST mosquito larvae. 110, 157, 239, 1312, 1315P.
- 206-340-951.  
Benzene, iodosonitro-, CU; O<sub>2</sub>NC<sub>6</sub>H<sub>4</sub>IO. (Mononitro-iodobenzene).  
T screwworm, tobacco hornworm, European corn borer, and carpet beetle. 1312, 1315P.
- 206-341-951.  
Benzene, 1-iodoxy-2-nitro-; O<sub>2</sub>NC<sub>6</sub>H<sub>4</sub>IO<sub>2</sub>. (o-Iodoxy-nitrobenzene).  
T many species of insects. 110, 1312, 1324P.
- 206-341-951.  
Benzene, 1-iodoxy-3-nitro-; O<sub>2</sub>NC<sub>6</sub>H<sub>4</sub>IO<sub>2</sub>. (m-Iodoxy-nitrobenzene).  
T many species of insects. 110, 1312, 1324P.
- 206-341-951.  
Benzene, 1-iodoxy-4-nitro-; O<sub>2</sub>NC<sub>6</sub>H<sub>4</sub>IO<sub>2</sub>. (p-Iodoxy-nitrobenzene).  
T tobacco hornworm, codling moth larvae, and southern army worm. 110, 1312, 1324P.
- 206-341-951.  
Benzene, iodoxy-nitro-, CU; O<sub>2</sub>NC<sub>6</sub>H<sub>4</sub>IO<sub>2</sub>.  
T tobacco hornworm, southern army worm, cross-striped cabbage worm, and imported cabbage worm; MT Hawaiian beet webworm and southern beet webworm. 1312.
- 206-390-625-951-1021.  
Hydrosulfamine, N-2-furfurylidene-S-(o-nitrophenyl)-; NO<sub>2</sub>C<sub>6</sub>H<sub>4</sub>SN:CH(C<sub>4</sub>H<sub>3</sub>O). (N-Fural-S-(o-nitrophenyl) sulfuramine).  
NT corn borer, mosquito larvae, and as mothproofing agent. 239, 487, 1120, 1291.
- 206-390-851-951.  
Hydrosulfamine, S-(4-chloro-2-nitrophenyl)-; ClC<sub>6</sub>H<sub>3</sub>(NO<sub>2</sub>)SNH<sub>2</sub>. (4-Chloro-2-nitrophenylsulfuramine).  
HT mosquito larvae. 487.
- 206-390-951.  
Hydrosulfamine, S-(o-nitrophenyl)-; NO<sub>2</sub>C<sub>6</sub>H<sub>4</sub>SNH<sub>2</sub>. (S-(o-Nitrophenyl) sulfuramine).  
T mosquito and codling moth larvae; ST as mothproofing agent; NT corn borer. 239, 487, 1120, 1291.
- 206-390-952-1021.  
p-Toluidine, N-(o-nitrophenylmercapto)-; CH<sub>3</sub>C<sub>6</sub>H<sub>4</sub>NHSC<sub>6</sub>H<sub>4</sub>NO<sub>2</sub>. (N-p-Toluidine-S-(o-nitrophenyl) sulfuramine; o-nitrophenyl-p-toluino sulfide?).  
MT codling moth larvae; ST corn borer; NT mosquito larvae. 487, 1120, 1291.
- 206-390-952-1021.  
Hydrosulfamine, N-benzylidene-S-(o-nitrophenyl)-; NO<sub>2</sub>C<sub>6</sub>H<sub>4</sub>SN:CHC<sub>6</sub>H<sub>5</sub>. (N-Benzal-S-(o-nitrophenyl) sulfuramine).  
ST as mothproofing agent; NT corn borer and mosquito larvae. 239, 487, 1120, 1291.
- 206-401-591-952-1001-1023.  
Thiocyanic acid, 2-benzoyloxy-5-tert-butyl-3-nitrobenzyl ester; C<sub>6</sub>H<sub>5</sub>CH<sub>2</sub>OC<sub>6</sub>H<sub>2</sub>(NO<sub>2</sub>)(CH<sub>2</sub>SCN)C(CH<sub>3</sub>)<sub>3</sub>. (Thiocyanic acid, 5-tert-butyl-3-nitro-2-phenylmethoxy-benzyl ester).  
Fly spray. 112, 692P.
- 206-401-592-951-1012-1021.  
Thiocyanic acid, 2-(2-(p-nitrophenoxyl)ethoxyl ethyl ester; O<sub>2</sub>NC<sub>6</sub>H<sub>4</sub>OCH<sub>2</sub>CH<sub>2</sub>OCH<sub>2</sub>CH<sub>2</sub>SCN. (β-Thiocyanato-β-(p-nitrophenoxyl)-diethyl ether).  
Fly spray. 112, 1032P.
- 206-401-851-951-1021.  
Thiocyanic acid, 4-chloro-2-nitrophenyl ester; Cl-(NO<sub>2</sub>)C<sub>6</sub>H<sub>3</sub>SCN.  
HT mosquito larvae. 487, 488.
- 206-401-951-1022.  
Thiocyanic acid, nitrobenzyl ester; NO<sub>2</sub>C<sub>6</sub>H<sub>4</sub>CH<sub>2</sub>SCN.  
Ant poison. 1178, 1245P.
- 206-402-951-1025.  
m-Xylene, 4-nitro-α, α', α', α'-tetrathioacyano-; NO<sub>2</sub>C<sub>6</sub>H<sub>4</sub>[CH(SCN)]<sub>4</sub>. (Thiocyanic acid, 6(?)-nitro-isophthalal ester).  
T lice and caterpillars. 1178, 1247P.
- 206-411-951-1021.  
Isothiocyanic acid, nitrophenyl ester; NO<sub>2</sub>C<sub>6</sub>H<sub>4</sub>NCS. (Nitrophenyl isothiocyanate, CU). 575P, 1432.
- 206-460-730-740-751-950-1021.  
Benzothiazole, 2-mercapto-6-nitro-, nicotine salt; NO<sub>2</sub>(C<sub>7</sub>H<sub>3</sub>NS)SH.C<sub>10</sub>H<sub>14</sub>N<sub>2</sub>. (2-Mercapto-6-nitrobenzothiazole, nicotine salt. 1284P, 1432.
- 206-520-581-951.  
Benzenethiol bromide, 4-chloro-2-nitro-? NO<sub>2</sub>C<sub>6</sub>H<sub>3</sub>-(Cl)SBr. (4-Chloro-2-nitrophenyl sulphur bromide).  
T codling moth larvae. 487, 1291.
- 206-541-581-865-952.  
Salicylic acid, 5-(p-nitrophenylazo)-; NO<sub>2</sub>C<sub>6</sub>H<sub>4</sub>N:NC<sub>6</sub>H<sub>4</sub>(OH)COOH. (4'-Nitro-4-hydroxy azobenzene carboxylic acid-(3)).  
ST greenhouse red spider at 2%. 1481.
- 206-541-581-924-1021.  
2-Naphthoic acid, 3-hydroxy-4-nitro-; C<sub>10</sub>H<sub>6</sub>(NO<sub>2</sub>)-(OH)COOH.  
T *Cochliomyia americana* C and P at 0.67%. 944.
- 206-541-581-951-1011-1142.  
Phenol, p-nitro-, copper acetate compound; NO<sub>2</sub>C<sub>6</sub>H<sub>4</sub>OH.Cu(OOCC<sub>3</sub>H<sub>7</sub>)<sub>2</sub>. (Copper acetate of 4-nitrophenol). 362P.
- 206-541-581-951-1011-1177.  
Phenol, o-nitroacetoxymercuri-, CU; O<sub>2</sub>NC<sub>6</sub>H<sub>4</sub>(OH)-HgOOCCH<sub>3</sub>? (Mercury o-nitrophenol acetate). 379P.
- 206-541-581-951-1011-1244.  
Phenol, p-nitro-, zinc acetate compound; NO<sub>2</sub>C<sub>6</sub>H<sub>4</sub>-OH.Zn(OOCC<sub>3</sub>H<sub>7</sub>)<sub>2</sub>. (Zinc acetate of 4-nitrophenol). 362P.
- 206-541-581-951-1021.  
Salicylic acid, 3-nitro-; NO<sub>2</sub>C<sub>6</sub>H<sub>3</sub>(OH)COOH. (2-Hydroxy-3-nitrobenzoic acid).  
ST screwworms at 0.67%. 156.
- 206-541-581-951-1021.  
Salicylic acid, 5-nitro-; NO<sub>2</sub>C<sub>6</sub>H<sub>3</sub>(OH)COOH. (2-Hydroxy-5-nitrobenzoic acid).  
T screwworms at 0.67%. 156.
- 206-541-681-951-1011.  
Glycine, N-(p-nitrophenyl)-; NO<sub>2</sub>C<sub>6</sub>H<sub>4</sub>NHCH<sub>2</sub>COOH. (p-Nitrophenylglycine).  
NT codling moth larvae. 156, 915.
- 206-541-681-952-1021.  
Anthranilic acid, N-(o-nitrophenyl)-; NO<sub>2</sub>C<sub>6</sub>H<sub>4</sub>-NHCH<sub>2</sub>COOH.  
NT mosquito larvae. 487.
- 206-541-781-851-951-1011.

- Acetic acid, (4-chloro-2-nitrophenylmercapto)-;  $\text{ClC}_6\text{H}_4(\text{NO}_2)\text{SCH}_2\text{COOH}$ .  
HT codling moth larvae. 1291.
- 206-541-841-951.  
Benzoic acid, 2-bromo-3-nitro-;  $\text{BrC}_6\text{H}_3(\text{NO}_2)\text{COOH}$ .  
(2-Bromo-3-nitrobenzoic acid).  
NT European corn borer. 1122.
- 206-541-861-951-1021.  
Benzoic acid, 4-fluoro-3-nitro-;  $\text{NO}_2(\text{F})\text{C}_6\text{H}_4\text{COOH}$ .  
T as mothproofing agent. 411P, 425P, 1175, 1399P.
- 206-541-951-1003-1030.  
Cinnamic acid, *m*-nitro-;  $\text{NO}_2\text{C}_6\text{H}_4\text{CH}:\text{CHCOOH}$ .  
ST screwworms at 0.67%. 156.
- 206-541-951-1003-1030.  
Cinnamic acid, *o*-nitro-;  $\text{NO}_2\text{C}_6\text{H}_4\text{CH}:\text{CHCOOH}$ .  
NT codling moth. 915.
- 206-541-951-1021.  
Benzoic acid, *m*-nitro-;  $\text{NO}_2\text{C}_6\text{H}_4\text{COOH}$ . (Benzoic acid, 3-nitro-).  
T screwworms and as mothproofing agent. 156, 411P, 425P, 1175, 1399P.
- 206-541-951-1021.  
Benzoic acid, *o*-nitro-;  $\text{NO}_2\text{C}_6\text{H}_4\text{COOH}$ .  
ST screwworms at 0.67%. 156.
- 206-541-951-1021.  
Benzoic acid, *p*-nitro-;  $\text{NO}_2\text{C}_6\text{H}_4\text{COOH}$ .  
T screwworms at 0.67%. 156.
- 206-541-951-1021.  
*p*-Toluic acid, 2-nitro-;  $\text{O}_2\text{NC}_6\text{H}_3(\text{CH}_3)\text{COOH}$ .  
T as mothproofing agent. 329P, 331P, 1176.
- 206-541-951-1021-1162.  
Benzoic acid, *p*-nitro-, ferric salt;  $(\text{O}_2\text{NC}_6\text{H}_4\text{COO})_3\text{Fe}$ . (Ferric *p*-nitrobenzoate).  
NT *Epilachna borealis*. 1008.
- 206-542-951-1022.  
Phthalic acid, 3-nitro-;  $\text{NO}_2\text{C}_6\text{H}_3(\text{COOH})_2$ .  
ST screwworms at 0.67%; NT European corn borer. 156, 1122.
- 206-542-951-1022.  
Phthalic acid, 4-nitro-;  $\text{NO}_2\text{C}_6\text{H}_3(\text{COOH})_2$ .  
ST screwworms at 0.67%. 156.
- 206-551-571-781-851-951-1001-1011.  
Acetoacetic acid,  $\alpha$ -(4-chloro-2-nitrophenylmercapto)-, ethyl ester;  $\text{CH}_3\text{COCH}[\text{SC}_6\text{H}_3(\text{Cl})\text{NO}_2]\text{COOC}_2\text{H}_5$ .  
HT codling moth larvae; NT mosquito larvae. 487, 1291.
- 206-551-951-1003-1011-1030.  
Cinnamic acid, *p*-nitro-, ethyl ester;  $\text{NO}_2\text{C}_6\text{H}_4\text{CH}:\text{CHCOOC}_2\text{H}_5$ . (Ethyl *p*-nitrocinnamate).  
NT screwworms and codling moth larvae. 156, 915.
- 206-551-951-1011-1021.  
Benzoic acid, *p*-nitro-, ethyl ester;  $\text{NO}_2\text{C}_6\text{H}_4\text{COOC}_2\text{H}_5$ . (Ethyl *p*-nitrobenzoate).  
T screwworms at 0.17-0.33%; ST codling moth. 156, 915.
- 206-551-951-1011-1021.  
Acetic acid, *p*-nitrobenzyl ester;  $\text{NO}_2\text{C}_6\text{H}_4\text{CH}_2\text{OOCCH}_3$ . (*p*-Nitrobenzyl acetate).  
T screwworms at 0.33-0.67%. 156.
- 206-551-951-1021.  
Formic acid, *p*-nitrophenyl ester;  $\text{NO}_2\text{C}_6\text{H}_4\text{OOCH}$ . (Formate of 4-nitrophenol). 362P.
- 206-551-951-1022.  
Benzoic acid, *m*-nitro-, methyl ester;  $\text{NO}_2\text{C}_6\text{H}_4\text{COOCH}_3$ . (Methyl *m*-nitrobenzoate).  
NT screwworms. 156.
- 206-551-951-1022.  
Benzoic acid, *o*-nitro-, methyl ester;  $\text{NO}_2\text{C}_6\text{H}_4\text{COOCH}_3$ . (Methyl *o*-nitrobenzoate).  
NT screwworms. 156.
- 206-551-951-1022.  
Benzoic acid, *p*-nitro-, methyl ester;  $\text{NO}_2\text{C}_6\text{H}_4\text{COOCH}_3$ . (Methyl *p*-nitrobenzoate).  
T screwworms at 0.17-0.33%; NT codling moth. 156, 915.
- 206-561-951-1021.  
Benzaldehyde, *m*-nitro-;  $\text{NO}_2\text{C}_6\text{H}_4\text{CHO}$ .  
T screwworms at 0.17-0.33%; ST codling moth. 156, 915.
- 206-561-951-1021.  
Benzaldehyde, *o*-nitro-;  $\text{NO}_2\text{C}_6\text{H}_4\text{CHO}$ . (*o*-Nitrobenzaldehyde).  
T screwworms at 0.17-0.33%. 156.
- 206-561-951-1021.  
Benzaldehyde, nitro-, CU;  $\text{NO}_2\text{C}_6\text{H}_4\text{CHO}$ .  
NT *Agrotis*. 1382.
- 206-571-591-953-1022.  
Benzophenone, *p*-nitrobenzoyloxy-, CU;  $\text{C}_6\text{H}_5\text{COC}_6\text{H}_4\text{OCH}_2\text{C}_6\text{H}_4\text{NO}_2$ . (Ether, benzoylphenyl, *p*-nitrobenzyl).  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 206-571-632-952-1021.  
Propiophenone,  $\alpha$ ,  $\beta$ -epoxy- $\beta$ -(*m*-nitrophenyl)-;  $\text{C}_6\text{H}_5\text{CO}(\text{C}_2\text{H}_5\text{O})\text{C}_6\text{H}_4\text{NO}_2$ . ( $\alpha$ -Benzoyl- $\beta$ -(*m*-nitrophenyl) ethylene oxide).  
NT as mothproofing agent. 239.
- 206-571-730-950.  
9(10)-Acridone, 4-nitro-?  $\text{O}:(\text{C}_1\text{H}_7\text{N})\text{NO}_2$ .  
(1-Nitro-5(10)-acridone).  
NT mosquito larvae. 487.
- 206-571-730-950-1011.  
Ketone, methyl 5-nitroisquinolyl, CU;  $\text{NO}_2(\text{C}_6\text{H}_4\text{N})\text{-COCH}_3$ . (Aceto 5-nitroisquinoline).  
NT *Pieris rapae*. 635.
- 206-571-740-950-951-1021.  
Carbazole, 9-benzoyl-3-nitro-;  $\text{NO}_2(\text{C}_1\text{H}_7\text{N})\text{COC}_6\text{H}_5$ . (9-Benzoyl-3-nitrocarbazole).  
MT codling moth; NT mosquito larvae. 487, 1291.
- 206-571-781-851-952-1011.  
Acetophenone,  $\alpha$ -(4-chloro-2-nitrophenylmercapto);  $\text{C}_6\text{H}_5\text{COCH}_2\text{SC}_6\text{H}_3(\text{NO}_2)\text{Cl}$ .  
NT mosquito larvae. 487.
- 206-571-781-851-1003.  
2-Propanone, 1-(*o*-nitrophenylmercapto)-;  $\text{NO}_2\text{C}_6\text{H}_4\text{-SCH}_2\text{COCH}_3$ . (Acetonyl-*o*-nitrophenyl sulfide).  
ST codling moth larvae and as mothproofing agent; NT corn borer. 239, 1120, 1291.
- 206-571-912.  
Fluorenone, nitro-, CU;  $\text{O}:(\text{C}_1\text{H}_7\text{N})\text{NO}_2$ .  
NT as mothproofing agent. 239.
- 206-571-951-1011.  
Acetophenone, *m*-nitro-;  $\text{CH}_3\text{COC}_6\text{H}_4\text{NO}_2$ .  
ST screwworms at 0.67%. 156.
- 206-571-952-1003-1030.  
Chelone, 3-nitro-1-;  $\text{NO}_2\text{C}_6\text{H}_4\text{CH}:\text{CHCOCH}_2\text{Hs}$ . (*m*-Nitrobenzylacetophenone).  
NT screwworms. 156.
- 206-572-625-950.  
Phthalic anhydride, 3-nitro-;  $\text{NO}_2\text{C}_6\text{H}_3(\text{CO})_2\text{O}$ .  
ST screwworms at 0.67%; NT corn borer. 156, 1122.
- 206-572-740-950.  
Phthalimide, 3-nitro-;  $\text{NO}_2\text{C}_6\text{H}_3:(\text{CO})_2\text{NH}$ .  
NT screwworms. 156.
- 206-572-740-950.  
Phthalimide, 4-nitro-;  $\text{NO}_2\text{C}_6\text{H}_3:(\text{CO})_2\text{NH}$ .  
NT corn borer, screwworm, and *Culex quinquefasciatus* larvae. 156, 157, 1120.
- 206-572-740-950-951.  
Phthalimide, *N*-(*o*-nitrophenyl)-;  $\text{C}_6\text{H}_4:(\text{CO})_2\text{NC}_6\text{H}_4\text{NO}_2$ .  
ST greenhouse red spider at 4%; NT southern army worm at 4%. 1481.
- 206-572-910.  
Anthraquinone, 2-nitro-;  $\text{NO}_2\text{C}_6\text{H}_3:(\text{CO})_2\text{C}_6\text{H}_4$ . (2-Nitrophenanthroquinone).  
NT *Carthiomya americana*. 156, 944.
- 206-573-732.  
Barbituric acid, nitro-, CU;  $(\text{C}_6\text{H}_5\text{N}_2\text{O}_2)\text{NO}_2$ ? (Nitrobarbituric acid).  
ST screwworms at 0.67%. 156.
- 206-581-665-851-924-951.  
2-Naphthol, 1-(2-chloro-4-nitrophenylazo)-;  $\text{HOC}_{10}\text{H}_7\text{N}:\text{NC}_6\text{H}_3(\text{Cl})\text{NO}_2$ . {1-(*o*-Chloro-*p*-nitrophenylazo)-2-naphthol}.  
NT corn borer. 1120.
- 206-581-665-924-951.  
1-Naphthol, 4-(*p*-nitrophenylazo)-?  $\text{NO}_2\text{C}_6\text{H}_4\text{N}:\text{NC}_{10}\text{H}_7\text{OH}$ . (*p*-Nitrobenzenazo- $\alpha$ -naphthol).  
T screwworms at 0.33-0.67%. 156.
- 206-581-665-924-951.  
2-Naphthol, 1-(*p*-nitrophenylazo)-;  $\text{NO}_2\text{C}_6\text{H}_4\text{N}:\text{NC}_{10}\text{H}_7\text{OH}$ . (4-Nitrobenzene-(1-azo-1)-naphthol-2).  
HT mosquito larvae; ST codling moth larvae; NT greenhouse red spider at 4%. 487, 1437P, 1481.
- 206-581-665-924-951-1021.  
2-Naphthol, 1-(2-nitro-*p*-tolylazo)-;  $\text{NO}_2\text{C}_6\text{H}_3:(\text{CH}_3)\text{N}:\text{NC}_{10}\text{H}_6\text{OH}$ .



- NT corn borer. 1120.  
206-581-671-951.  
Phenol, 2-amino-4-nitro-;  $\text{NH}_2(\text{NO}_2)\text{C}_6\text{H}_3\text{OH}$ .  
NT screwworms. 156.  
206-581-671-951-961.  
Phenol, amino-2-cyclohexyl-nitro-, CU;  $(\text{NO}_2)-(\text{NH}_2)(\text{OH})\text{C}_6\text{H}_3(\text{C}_6\text{H}_{11})$ . 1306P.  
206-581-781-924-951.  
2-Naphthol, 1-(*o*-nitrophenylmercapto)-;  $\text{NO}_2\text{C}_6\text{H}_4-\text{SC}_6\text{H}_4\text{OH}$ . ([1-(2-Hydroxy-1-naphthyl)-2-nitrophenyl sulfide]).  
NT corn borer, as mothproofing agent, codling moth, and mosquito larvae. 239, 487, 1120, 1291.  
206-581-842-951.  
Phenol, 2, 6-dibromo-4-nitro-;  $\text{Br}_2(\text{NO}_2)\text{C}_6\text{H}_2\text{OH}$ .  
T screwworms at 0.03-0.05%. 156.  
206-581-852-951.  
Phenol, 2, 6-dichloro-4-nitro-;  $\text{Cl}_2(\text{NO}_2)\text{C}_6\text{H}_2\text{OH}$ .  
HT *Culex quinquefasciatus*; T screwworms at 0.05-0.08%. 156, 157.  
206-581-853-951.  
Phenol, 2-nitro-3, 4, 6-trichloro-;  $\text{C}_6\text{H}_3(\text{Cl}_3)\text{NO}_2$ .  
(2, 4, 5-Trichloro-6-nitrophenol).  
HT mosquito larvae. 487.  
206-581-924.  
2-Naphthol, 1-nitro-;  $\text{C}_{10}\text{H}_7(\text{NO}_2)\text{OH}$ .  
ST Japanese beetle; NT *Tineola biselliella*, *Attagenus piceus*, and codling moth larvae. 494, 739, 930.  
206-581-951.  
Phenol, *m*-nitro-;  $\text{NO}_2\text{C}_6\text{H}_4\text{OH}$ .  
HT *Aphis rumicis*; ST screwworms. 156, 1376.  
206-581-951.  
Phenol, *o*-nitro-;  $\text{NO}_2\text{C}_6\text{H}_4\text{OH}$ .  
T houseflies, *Lucilia cuprina* at 0.1%, T screwworms at 0.17-0.33%, and T aphids; ST codling moth larvae. 156, 606, 849, 915, 1002, 1376.  
206-581-951.  
Phenol, *p*-nitro-;  $\text{NO}_2\text{C}_6\text{H}_4\text{OH}$ .  
HT *Aphis rumicis*; T codling moth larvae and as mothproofing agent; ST Japanese beetle. 404P, 494, 870P, 915, 1175, 1376.  
206-581-951-994.  
Phenols, nitro-*p-tert* octyl-, CU. (*p*-Tertiary octyl phenols having at least one nitro group substituted in the benzene ring). 1052P.  
206-581-951-1021.  
*m*-Cresol, 2-nitro-;  $\text{NO}_2(\text{CH}_3)\text{C}_6\text{H}_3\text{OH}$ .  
HT *Aphis rumicis*. 1376.  
206-581-951-1021.  
*m*-Cresol, 4-nitro-;  $\text{NO}_2(\text{CH}_3)\text{C}_6\text{H}_3\text{OH}$ . (3-Methyl-4-nitrophenol).  
HT *Aphis rumicis*. 1376.  
206-581-951-1021.  
*m*-Cresol, 5-nitro-;  $\text{NO}_2(\text{CH}_3)\text{C}_6\text{H}_3\text{OH}$ . (3-Methyl-5-nitrophenol).  
HT *Aphis rumicis*. 1376.  
206-581-951-1021.  
*m*-Cresol, 6-nitro-;  $\text{NO}_2(\text{CH}_3)\text{C}_6\text{H}_3\text{OH}$ . (3-Methyl-6-nitrophenol).  
NT *Aphis rumicis*. 1376.  
206-581-951-1021.  
*o*-Cresol, 3-nitro-;  $\text{NO}_2(\text{CH}_3)\text{C}_6\text{H}_3\text{OH}$ .  
MT *Aphis rumicis*. 1376.  
206-581-951-1021.  
*o*-Cresol, 5-nitro-;  $\text{NO}_2(\text{CH}_3)\text{C}_6\text{H}_3\text{OH}$ . (2-Methyl-5-nitrophenol).  
MT *Aphis rumicis*. 1377.  
206-581-951-1021.  
*p*-Cresol, 3-nitro-;  $\text{NO}_2(\text{CH}_3)\text{C}_6\text{H}_3\text{OH}$ . (4-Methyl-3-nitrophenol).  
HT *Aphis rumicis*. 1376.  
206-581-951-1177-1325.  
Phenol, *p*-nitrohydroxymercuri-, CU;  $\text{HOc}_6\text{H}_4(\text{NO}_2)-\text{HgOH}$ ? (Mercury *p*-nitrophenol). 379P.  
206-582-665-952.  
Resorcinol, 4-(*m*-nitrophenylazo)-;  $\text{NO}_2\text{C}_6\text{H}_4\text{N}:\text{NC}_6\text{H}_3(\text{OH})_2$ . (2, 4-Dihydroxy-3'-nitro azobenzene).  
ST greenhouse red spider at 2%; NT southern army worm at 4%. 1481.  
206-582-665-952.  
Resorcinol, 4-(*p*-nitrophenylazo)-;  $\text{NO}_2\text{C}_6\text{H}_4\text{N}:\text{NC}_6\text{H}_3(\text{OH})_2$ . (2, 4-Dihydroxy-4'-nitro azobenzene).  
MT mosquito larvae; ST greenhouse red spider at 2%; NT southern army worm at 4%. 487, 488, 1437P, 1481.  
206-582-665-952-1021.  
Orcinol, *p*-nitrophenylazo-, CU;  $\text{NO}_2\text{C}_6\text{H}_4\text{N}:\text{NC}_6\text{H}_3-\text{CH}_2(\text{OH})_2$ . (Nitrobenzene azo orcinol).  
ST greenhouse red spider at 1% and MT at 2%. 1481.  
206-582-781-952.  
Resorcinol, 4-(*o*-nitrophenylmercapto)-;  $(\text{OH})_2\text{C}_6\text{H}_3\text{SC}_6\text{H}_4\text{NO}_2$ . (2, 4-Dihydroxy-2'-nitrodiphenyl sulfide).  
MT codling moth larvae; NT mosquito larvae, corn borer, and as mothproofing agent. 239, 487, 1120, 1291.  
206-582-855-953-1021.  
*m*-Cresol, *o*-(3, 5-dichloro-2-hydroxyphenyl)-*o*-(*m*-nitrophenyl)-2, 4, 6-trichloro-;  $\text{CH}[\text{Cl}_2\text{C}_6\text{H}_3\text{OH}][\text{Cl}_2\text{C}_6\text{H}_3\text{OH}]\text{C}_6\text{H}_4\text{NO}_2$  (Methane, 2, 4, 6, 3', 5'-pentachloro-3, 2'-dihydroxy-3''-nitrotriphenyl-).  
T as mothproofing agent. 439P, 1179, 1453, 1454P.  
206-582-855-953-1021.  
*m*-Cresol, *o*-(3, 5-dichloro-2-hydroxyphenyl)-*o*-(*p*-nitrophenyl)-2, 4, 6-trichloro-;  $\text{CH}[\text{Cl}_2\text{C}_6\text{H}_3\text{OH}][\text{Cl}_2\text{C}_6\text{H}_3\text{OH}]\text{C}_6\text{H}_4\text{NO}_2$ . (Methane, 2, 4, 6, 3', 5'-pentachloro-3, 2'-dihydroxy-4''-nitrotriphenyl-).  
T as mothproofing agent. 439P, 1179, 1454P.  
206-588-951-1106.  
Phenol, 2-nitro-, potassium derivative;  $\text{C}_6\text{H}_4(\text{NO}_2)-\text{OK}$ . (*o*-Nitrophenol potassium salt).  
T screwworms at 0.17-0.33%. 156.  
206-588-951-1142-1389.  
Phenol, 4-nitro-, copper sulfate compound;  $\text{NO}_2\text{C}_6\text{H}_4\text{OH}.\text{CuSO}_4$ . 362P.  
206-588-951-1218.  
Phenol, 2-nitro-, sodium derivative;  $\text{C}_6\text{H}_4(\text{NO}_2)\text{ONa}$ . (*o*-Nitrophenol sodium salt).  
T screwworms at 0.17-0.33%. 156.  
206-588-951-1218.  
Phenol, 4-nitro-, sodium derivative;  $\text{C}_6\text{H}_4(\text{NO}_2)\text{ONa}$ . (*p*-Nitrophenol sodium salt).  
T screwworms at 0.17-0.33%. 156.  
206-588-951-1244-1291.  
Phenol, 4-nitro-, zinc chloride compound;  $\text{OHC}_6\text{H}_4-\text{NO}_2.\text{ZnCl}_2$ . 362P.  
206-591-671-951-1011.  
*p*-Phenetidine, 2-nitro-;  $\text{C}_2\text{H}_5\text{OC}_6\text{H}_3(\text{NO}_2)\text{NH}_2$ . (3-Nitro-4-aminophenole).  
ST codling moth; NT screwworms. 156, 915.  
206-591-671-951-1011.  
*p*-Phenetidine, nitro-, CU;  $\text{NO}_2(\text{C}_2\text{H}_5\text{O})\text{C}_6\text{H}_3\text{NH}_2$ .  
NT Colorado potato beetle and Mexican bean beetle. 606.  
206-591-671-951-1021.  
*o*-Anisidine, 4-nitro-;  $\text{CH}_3\text{OC}_6\text{H}_3(\text{NO}_2)\text{NH}_2$ . (5-Nitro-2-aminoanisole).  
T screwworms at 0.33-0.87%. 156.  
206-591-671-951-1021.  
*o*-Anisidine, 5-nitro-;  $\text{CH}_3\text{OC}_6\text{H}_3(\text{NO}_2)\text{NH}_2$ . (4-nitro-2-aminoanisole).  
ST screwworms at 0.67%. 156.  
206-591-671-951-1021.  
*p*-Anisidine, 2-nitro-;  $\text{CH}_3\text{OC}_6\text{H}_3(\text{NO}_2)\text{NH}_2$ . (3-Nitro-4-aminoanisole).  
ST greenhouse red spider at 4%; NT screwworms and bean aphids. 156, 1481.  
206-591-681-951-975-1027.  
Aryl aminonitro ethers, CU;  $\text{Ar}(\text{OC}_6\text{H}_4)_x\text{NHC}_6\text{H}_5$ . 699P.  
206-591-701-951-1022.  
Benzonitrile, 2-methoxy-6-nitro-;  $\text{NO}_2(\text{OCH}_3)\text{C}_6\text{H}_3-\text{CN}$ .  
MT mosquito larvae. 172.  
206-591-841-952-1001-1021.  
Ether, 2-bromo-4-*tert*-butylphenyl *p*-nitrobenzyl;  $\text{O}_2\text{NC}_6\text{H}_4\text{CH}_2\text{OC}_6\text{H}_3(\text{Br})\text{C}(\text{CH}_3)_3$ .  
Fly spray. 112, 688P.  
206-591-841-952-1021.  
Ether, *p*-bromophenyl *p*-nitrobenzyl;  $\text{O}_2\text{NC}_6\text{H}_4\text{CH}_2-\text{OC}_6\text{H}_4\text{Br}$ .  
Fly spray. 112, 688P.  
206-591-841-952-1021.  
Ether, *p*-bromobenzyl *p*-nitrophenyl;  $\text{O}_2\text{NC}_6\text{H}_4\text{OCH}_2-\text{C}_6\text{H}_4\text{Br}$ .  
Fly spray. 112, 688P.

- 206-591-851-952.  
Ether, *o*-chlorophenyl *p*-nitrophenyl;  $\text{ClC}_6\text{H}_4\text{OC}_6\text{H}_4\text{NO}_2$ . (2-Chloro-4'-nitro-diphenyl ether; phenyl ether, 2-chloro-4'-nitro-).  
MT fly spray. 112, 687P.
- 206-591-851-952.  
Ether, *p*-chlorophenyl *p*-nitrophenyl;  $\text{ClC}_6\text{H}_4\text{OC}_6\text{H}_4\text{NO}_2$ . (*p*-Nitro-*p*'-chlorodiphenyl oxide). 687P.
- 206-591-851-952-1021.  
Ether, benzyl 4-chloro-2-nitrophenyl;  $\text{C}_6\text{H}_5\text{CH}_2\text{OC}_6\text{H}_3(\text{Cl})\text{NO}_2$ .  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 206-591-851-952-1021.  
Ether, *o*-chlorobenzyl *p*-nitrophenyl;  $\text{ClC}_6\text{H}_4\text{CH}_2\text{OC}_6\text{H}_4\text{NO}_2$ .  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 206-591-851-952-1021.  
Ether, *p*-chlorophenyl *p*-nitrobenzyl;  $\text{ClC}_6\text{H}_4\text{OCH}_2\text{C}_6\text{H}_4\text{NO}_2$ .  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 206-591-881-952-1021.  
Phenyl benzyl ethers having an aromatically bound nitro group said compound having at least one halogen substituent of a relative weight above thirty attached to an aromatic ring.  
Fly spray. 112, 688P.
- 206-591-924-951-1021.  
Ether, 1-naphthylmethyl *p*-nitrophenyl;  $\text{C}_{10}\text{H}_7\text{CH}_2\text{OC}_6\text{H}_4\text{NO}_2$ .  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 206-591-924-951-1021.  
Ether, benzyl 2-(1-nitro) naphthyl;  $\text{C}_{10}\text{H}_6\text{CH}_2\text{OC}_{10}\text{H}_6\text{NO}_2$ .  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 206-591-924-951-1021.  
Ether, 2-naphthyl *p*-nitrobenzyl;  $\text{C}_{10}\text{H}_7\text{OCH}_2\text{C}_6\text{H}_4\text{NO}_2$ .  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 206-591-924-951-1021.  
Ether, *p*-nitrophenyl 2-tetrahydronaphthyl-methyl;  $\text{C}_{10}\text{H}_{11}\text{CH}_2\text{OC}_6\text{H}_4\text{NO}_2$ .  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 206-591-951-989.  
Ether, dodecyl *p*-nitrophenyl;  $\text{C}_{12}\text{H}_{25}\text{OC}_6\text{H}_4\text{NO}_2$ . (Lauryl *p*-nitrophenyl ether).  
ST Colorado potato beetle and Mexican bean beetle. 606.
- 206-591-951-993.  
Ether, octyl *p*-nitrophenyl;  $\text{CH}_3(\text{CH}_2)_7\text{OC}_6\text{H}_4\text{NO}_2$ . (*n*-Octyl *p*-nitrophenyl ether).  
MT Colorado potato beetle and Mexican bean beetle. 606.
- 206-591-951-1011.  
Phenetole, *m*-nitro-;  $\text{NO}_2\text{C}_6\text{H}_4\text{OC}_2\text{H}_5$ .  
T screwworms at 0.10-0.17%. 156.
- 206-591-951-1011.  
Phenetole, *o*-nitro-;  $\text{NO}_2\text{C}_6\text{H}_3\text{OC}_2\text{H}_5$ . (Ethyl *o*-nitrophenyl ether).  
T *Culex quinquefasciatus* larvae and T screwworms at 0.05-0.08%. 156, 157.
- 206-591-951-1011.  
Phenetole, *p*-nitro-;  $\text{NO}_2\text{C}_6\text{H}_4\text{OC}_2\text{H}_5$ .  
HT Colorado potato beetle, Mexican bean beetle, and screwworms; T Japanese beetle; MT *Culex quinquefasciatus* and silkworm larvae. 156, 157, 494, 559, 606, 1080, 1150.
- 206-591-951-1021.  
Anisole, *m*-nitro-;  $\text{NO}_2\text{C}_6\text{H}_4\text{OCH}_3$ . (1-Methoxy-3-nitrobenzene).  
T screwworms at 0.03-0.05%. 156.
- 206-591-951-1021.  
Anisole, *o*-nitro-;  $\text{NO}_2\text{C}_6\text{H}_4\text{OCH}_3$ . (1-Methoxy-2-nitrobenzene).  
HT screwworms; T aphids; MT *Bombyx mori* larvae; NT codling moth larvae. 156, 555, 561, 1376.
- 206-591-951-1021.  
Anisole, *p*-nitro-;  $\text{NO}_2\text{C}_6\text{H}_4\text{OCH}_3$ . (1-Methoxy-4-nitrobenzene).  
HT screwworms at 0.01-0.03%; T aphids. 156, 1376.
- 206-591-952.  
Ether, *o*-nitrophenyl phenyl;  $\text{C}_6\text{H}_5\text{OC}_6\text{H}_4\text{NO}_2$ .  
ST screwworms at 0.67%. 156.
- 206-591-952.  
Ether, *p*-nitrophenyl phenyl;  $\text{C}_6\text{H}_5\text{OC}_6\text{H}_4\text{NO}_2$ .  
T houseflies at 2% in kerosene; ST screwworms at 0.67%. 112, 156, 687P.
- 206-591-952.  
Ethers, nitrophenyl, CU.  
T as fly spray. 112, 687P.
- 206-591-952-961-1021.  
Ether, benzyl 4-cyclohexyl-2-nitrophenyl;  $\text{C}_6\text{H}_5\text{CH}_2\text{OC}_6\text{H}_3(\text{NO}_2)\text{C}_6\text{H}_{11}$ .  
Fly spray. 112, 691P.
- 206-591-952-993-1021.  
Ether, *p*-nitrobenzyl 4-(1, 1, 3, 3-tetramethyl-butyl)-phenyl-;  $\text{C}_6\text{H}_5\text{CH}_2\text{OC}_6\text{H}_4\text{C}(\text{CH}_3)_3\text{C}(\text{CH}_3)_3$ .  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 206-591-952-1001.  
Ether, *p*-*tert*-butylphenyl *o*-nitrophenyl;  $\text{NO}_2\text{C}_6\text{H}_4\text{OC}_6\text{H}_4\text{C}(\text{CH}_3)_3$ . (*o*-nitrophenyl *p*-tertiary butyl phenyl oxide). 687P.
- 206-591-952-1001-1021.  
Ether, *p*-*tert*-butylphenyl *p*-nitrobenzyl;  $(\text{CH}_3)_3\text{CC}_6\text{H}_4\text{OC}_6\text{H}_4\text{NO}_2$ . (4-Nitrobenzyl 4-tertiary-butyl-phenyl ether).  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P, 1109P.
- 206-591-952-1021.  
Ether, *p*-nitrobenzyl phenyl-;  $\text{C}_6\text{H}_5\text{OCH}_2\text{C}_6\text{H}_4\text{NO}_2$ .  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 206-591-952-1021.  
Ethers, nitrobenzyl phenyl-CU.  
Fly spray. 112, 694P.
- 206-591-952-1021.  
Ether, *p*-nitrophenyl *o*-tolyl-;  $\text{CH}_3\text{C}_6\text{H}_4\text{OC}_6\text{H}_4\text{NO}_2$ . (Phenyl ether, 2-methyl-4'-nitro-; 4-nitro-2'-methyl diphenyl ether).  
MT as fly spray. 112, 687P.
- 206-591-952-1021.  
Ether, benzyl *o*-nitrophenyl-;  $\text{C}_6\text{H}_5\text{CH}_2\text{OC}_6\text{H}_3\text{NO}_2$ .  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 206-591-952-1021.  
Ether, benzyl *p*-nitrophenyl-;  $\text{C}_6\text{H}_5\text{CH}_2\text{OC}_6\text{H}_4\text{NO}_2$ .  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 206-591-952-1022.  
Ether, *p*-nitrobenzyl *m*-tolyl-;  $\text{CH}_3\text{C}_6\text{H}_4\text{OCH}_2\text{C}_6\text{H}_4\text{NO}_2$ .  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 206-591-952-1022.  
Ether, *p*-nitrobenzyl *o*-tolyl-;  $\text{CH}_3\text{C}_6\text{H}_4\text{OCH}_2\text{C}_6\text{H}_3\text{NO}_2$ .  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 206-591-952-1022.  
Ether, *p*-nitrobenzyl *p*-tolyl-;  $\text{CH}_3\text{C}_6\text{H}_4\text{OCH}_2\text{C}_6\text{H}_4\text{NO}_2$ .  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 206-591-952-1022.  
Ether, benzyl 4-nitro-*o*-tolyl-;  $\text{C}_6\text{H}_5\text{CH}_2\text{OC}_6\text{H}_3\text{NO}_2$ . (Ether, benzyl 2-methyl-4-nitrophenyl).  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 206-591-952-1022.  
Ether, Benzyl 6-nitro-*o*-tolyl-;  $\text{C}_6\text{H}_5\text{CH}_2\text{OC}_6\text{H}_3\text{NO}_2$ . (Ether, benzyl 2-methyl-6-nitrophenyl).  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 206-591-952-1022.  
Ether, benzyl 3-nitro-*p*-tolyl-;  $\text{C}_6\text{H}_5\text{CH}_2\text{OC}_6\text{H}_4\text{NO}_2$ . (Ether, benzyl 4-methyl-3-nitrophenyl).  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 206-591-953.  
Ether, 2-biphenyl *p*-nitrophenyl-;  $\text{C}_6\text{H}_5\text{C}_6\text{H}_4\text{OC}_6\text{H}_4\text{NO}_2$ . (*p*-Nitro-*o*'-phenyl diphenyl oxide). 687P.
- 206-591-953-1021.  
Ether, 2-biphenyl *p*-nitrobenzyl-;  $\text{C}_6\text{H}_5\text{C}_6\text{H}_4\text{OCH}_2\text{C}_6\text{H}_4\text{NO}_2$ .  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 206-591-953-1022.  
Ether, *p*-benzylphenyl *p*-nitrobenzyl-;  $\text{C}_6\text{H}_5\text{CH}_2\text{C}_6\text{H}_4\text{OCH}_2\text{C}_6\text{H}_4\text{NO}_2$ .  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 206-591-954-1183-1325.  
Phosphonium hydroxide, (*p*-nitrophenoxyl)triphenyl-;  $(\text{C}_6\text{H}_5)_3\text{P}(\text{NO}_2\text{C}_6\text{H}_4\text{O})\text{POH}$ .  
T as mothproofing agent. 441P, 1179.
- 206-592-952-1022.  
Ether, 4-methoxy-3-nitrobenzyl phenyl-;  $\text{C}_6\text{H}_5\text{OCH}_2\text{C}_6\text{H}_3(\text{NO}_2)\text{OCH}_3$ .  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 206-625-851-950.  
Dibenzofuran, 3-chloro-7-nitro-;  $\text{Cl}(\text{C}_2\text{H}_4\text{O})_2\text{NO}_2$ .

- HT codling moth larvae; NT mosquito larvae. 487, 1291.
- 206-625-950.  
Dibenzofuran, 2-nitro-;  $(C_{12}H_7O)NO_2$ .  
NT mosquito larvae. 487.
- 206-625-950.  
Dibenzofuran, 3-nitro-;  $(C_{12}H_7O)NO_2$ . (3-Nitro-diphenylene oxide).  
NT screwworms. 156.
- 206-625-950-961.  
Dibenzofuran, 7-nitro 1, 2, 3, 4-tetrahydro-;  $(C_{12}H_{11}O)NO_2$ .  
ST mosquito larvae. 487.
- 206-650-952.  
Triazene, 3-*p*-nitrophenyl-1-phenyl?  $C_6H_5N:NNHC_6H_5NO_2$ ? (*p*-Nitrophenyl-diazoaminobenzene). 341P.
- 206-657-951.  
Hydrazine, *p*-nitrophenyl-;  $NO_2C_6H_4NHNH_2$ . (*p*-Nitrophenylhydrazine).  
T screwworms at 0.17-0.33%. 156.
- 206-657-951-1291.  
Hydrazine, *p*-nitrophenyl-, hydrochloride;  $NO_2C_6H_4NHNH_2 \cdot HCl$ .  
T screwworms at 0.10-0.17%. 156.
- 206-659-952-1021.  
Benzaldehyde, *o*-nitro-, phenylhydrazone;  $NO_2C_6H_4CH:NNHC_6H_5$ .  
NT screwworms. 156.
- 206-665-871-952.  
Azobenzene, 4-iodo-4'-nitro-;  $IC_6H_4N:NC_6H_4NO_2$ . (*p*-Iodo-*p'*-nitroazobenzene).  
HT harmful insects. 110, 1440P.
- 206-665-871-952-1021.  
Toluene, 2-(*p*-iodophenylazo)-5-nitro-;  $IC_6H_4N:NC_6H_3(CH_3)(NO_2)$ . (Azobenzene, 4-iodo-2'-methyl-4'-nitro-).  
HT harmful insects. 110, 1440P.
- 206-665-952.  
Azobenzene, *p*-nitro-;  $NO_2C_6H_4N:NC_6H_5$ .  
T screwworms at 0.10-0.17%. 156.
- 206-668-1021.  
Guanidine, nitro-;  $NH_2C:(NH)NHNH_2$ .  
T aphids; MT as mothproofing agent; NT codling moth and screwworm larvae. 156, 239, 915, 1152.
- 206-671-841-951.  
Aniline, 2-bromo-4-nitro-;  $NO_2C_6H_3(NH_2)Br$ .  
HT greenhouse red spider at 4%. 1481.
- 206-671-851-951.  
Aniline, 2-chloro-4-nitro-;  $NH_2C_6H_3(Cl)NO_2$ .  
HT greenhouse red spider at 4% and HT mosquito larvae; MT codling moth larvae; NT screwworm larvae. 156, 487, 1291, 1481.
- 206-671-851-951.  
Aniline, 4-chloro-2-nitro-;  $NH_2C_6H_3(NO_2)Cl$ .  
HT greenhouse red spider at 4%; NT screwworms. 156, 1481.
- 206-671-852-951.  
Aniline, 2, 6-dichloro-4-nitro-;  $Cl_2(NO_2)C_6H_3NH_2$ .  
ST greenhouse red spider at 4% and ST Japanese beetle; NT screwworms and *Epilachna borealis*. 156, 494, 1008, 1481.
- 206-671-924.  
2-Naphthylamine, 1-nitro-;  $NO_2C_{10}H_8NH_2$ .  
T codling moth and Japanese beetle; MT mosquito larvae; ST greenhouse red spider at 4%; NT *Tineola bisselliella*, *Attagenus piceus*, and NT bean aphid at 4%. 487, 488, 494, 739, 915, 1481.
- 206-671-951.  
Aniline, *m*-nitro-;  $NO_2C_6H_4NH_2$ .  
ST codling moth larvae at 4% and ST Japanese beetle; NT screwworms. 156, 494, 915, 1481.
- 206-671-951.  
Aniline, *o*-nitro-;  $NO_2C_6H_4NH_2$ . (1-Amino-2-nitrobenzene).  
HT mosquito larvae; MT screwworms; ST codling moth at 4%; NT *Melanopus m. mexicanus*. 156, 487, 1160, 1481.
- 206-671-951.  
Aniline, *p*-nitro-;  $NO_2C_6H_4NH_2$ .  
MT mosquito and screwworm larvae; ST codling moth larvae. 156, 487, 915, 1481.
- 206-671-961-1021.  
*o*-Toluidine, 4-nitro-;  $NO_2C_6H_3(CH_3)NH_2$ . (4-Nitro-2-methyl aniline).  
MT codling moth at 4%; NT bean aphid at 4%. 1481.
- 206-671-951-1021.  
*p*-Toluidine, 5-nitro-;  $CH_3C_6H_4(NO_2)NH_2$ . (4-Nitro-2-aminotoluene; 2-methyl-5-nitroaniline).  
NT screwworms and *Epilachna borealis*. 156, 1008.
- 206-671-951-1021.  
*o*-Toluidine, 6-nitro-;  $CH_3C_6H_4(NH_2)NO_2$ . (6-Nitro-2-methyl aniline).  
HT greenhouse red spider at 4%; NT bean aphid at 4%. 1481.
- 206-671-951-1021.  
*p*-Toluidine, 2-nitro-;  $NH_2C_6H_3(NO_2)CH_3$ . (4-Methyl-2-nitroaniline; *m*-nitro-*p*-toluidine).  
HT greenhouse red spider at 4% and HT mosquito larvae; T Japanese beetle and codling moth larvae; ST bean aphid at 4%; NT *Epilachna borealis* and screwworms. 156, 487, 494, 915, 1008, 1291, 1481.
- 206-671-951-1022.  
2, 4-Xyldine, 6-nitro-;  $(CH_3)_2C_6H_3(NH_2)NO_2$ . (6-Nitro-2, 4-dimethyl aniline).  
HT codling moth at 4%. 1481.
- 206-672-951.  
*o*-Phenylenediamine, 4-nitro-;  $NO_2C_6H_3(NH_2)_2$ . (4-Nitro phenylene diamine-(1, 2)).  
ST greenhouse red spider at 4%; NT bean aphid at 4%. 1481.
- 206-672-951.  
*p*-Phenylenediamine, 2-nitro-;  $NO_2C_6H_3(NH_2)_2$ . (2-Nitro phenylenediamine-(1, 4)).  
ST greenhouse red spider at 4%; NT bean aphid at 4%. 1481.
- 206-681-851-952.  
Diphenylamine, 4-chloro-2-nitro-;  $C_6H_5NHC_6H_3(Cl)NO_2$ . (4-Chloro-2-nitrodiphenylamine).  
HT *Culex quinquefasciatus* and codling moth larvae; MT corn borer. 137, 487, 488, 1120, 1291.
- 206-681-851-952.  
Diphenylamine, 4'-chloro-2-nitro-;  $ClC_6H_4NHC_6H_4NO_2$ .  
ST greenhouse red spider at 4%; NT bean aphid at 4%. 1481.
- 206-681-851-1022.  
Cyclohexylamine, *o*-methyl-*N*-(*p*-nitrobenzyl)-;  $CH_3C_6H_4NHC_6H_11NO_2$ . (*N*-*p*-Nitrobenzyl-*o*-methyl cyclohexylamine).  
NT *Myzus persicae* and *Tetranychus telarius*. 772.
- 206-681-951-1021.  
Aniline, *N*-methyl-*p*-nitro-;  $NO_2C_6H_4NHC_6H_5$ . (*p*-Nitromethylaniline).  
ST greenhouse red spider at 4%; NT bean aphid at 4%. 156, 1481.
- 206-681-952.  
Diphenylamine, 2-nitro-;  $NO_2C_6H_4NHC_6H_5$ .  
ST greenhouse red spider and codling moth at 4%; NT screwworms. 156, 1481.
- 206-681-952.  
Diphenylamine, 4-nitro-;  $NO_2C_6H_4NHC_6H_5$ .  
NT screwworms. 156.
- 206-681-952-1021.  
Benzylamine, *N*-(*o*-nitrophenyl)-;  $C_6H_5CH_2NHC_6H_3NO_2$ . (*N*-Benzyl-2-nitro aniline).  
ST codling moth at 4%; NT southern army worm at 4%. 1481.
- 206-681-952-1021.  
*p*-Toluidine, *N*-(*p*-nitrophenyl)-;  $CH_3C_6H_4NHC_6H_4NO_2$ . (4'-Methyl-4-nitrodiphenylamine).  
NT *Cochliomyia americana* C and P. 156, 944.
- 206-691-951-1012.  
Aniline, *N,N*-diethyl-*o*-nitro-;  $NO_2C_6H_3(C_2H_5)_2$ . (2-Nitro-diethylaniline).  
MT greenhouse red spider at 4%; NT bean aphid at 4%. 1481.
- 206-691-951-1022.  
Aniline, *N,N*-dimethyl-*m*-nitro-;  $NO_2C_6H_4N(CH_3)_2$ . (*m*-Nitrodimethylaniline).  
ST screwworms at 0.67%. 156.
- 206-691-951-1022.  
Aniline, *N,N*-dimethyl-*p*-nitro-;  $NO_2C_6H_4N(CH_3)_2$ . (*p*-Nitrodimethylaniline).  
NT screwworms. 156.
- 206-701-851-863-951-1022.  
*m*-Tolunitrile, 4-chloro-5-nitro- $\alpha,\alpha,\alpha$ -trifluoro-;  $CF_3C_6H_3(CN)(Cl)NO_2$ . (1-Chloro-2-trifluoro-methyl-4-cyano-6-nitro-benzene).

- MT Colorado potato beetle and Mexican bean beetle. 606.  
206-701-951-1011.  
 $\alpha$ -Tolunitrile, *p*-nitro-;  $\text{NO}_2\text{C}_6\text{H}_4\text{CH}_2\text{CN}$ . (*p*-Nitrophenylacetoneitrile; *p*-nitrotolunitrile).  
HT codling moth and screwworm larvae; ST mosquito larvae. 156, 172, 1291.  
206-701-951-1021.  
Benzonitrile, *p*-nitro-;  $\text{NO}_2\text{C}_6\text{H}_4\text{CN}$ .  
HT screwworms at 0.01-0.03% and HT *Culex quinquefasciatus*. 156, 157.  
206-730-851-950.  
Quinoline, 8-chloro-6-nitro-;  $\text{NO}_2(\text{C}_6\text{H}_4\text{N})\text{Cl}$ . (6-Nitro-8-chloro-quinoline).  
MT codling moth at 4%. 1481.  
206-730-950.  
Quinoline, 2-nitro-;  $(\text{C}_6\text{H}_5\text{N})\text{NO}_2$ . (*o*-Nitroquinoline).  
NT *Pieris rapae*. 635.  
206-730-950.  
Quinoline, 5-nitro-;  $(\text{C}_6\text{H}_5\text{N})\text{NO}_2$ . (Ana nitroquinoline).  
ST *Pieris rapae*. 635.  
206-730-950.  
Quinoline, 6-nitro-;  $(\text{C}_6\text{H}_5\text{N})\text{NO}_2$ .  
HT greenhouse red spider at 4% and HT screwworms and *Culex quinquefasciatus*; NT codling moth larvae. 156, 157, 915, 1481.  
206-730-950.  
Quinoline, 8-nitro-;  $(\text{C}_6\text{H}_5\text{N})\text{NO}_2$ .  
HT screwworms at 0.03-0.05%; T *Culex quinquefasciatus*; MT *Phormia regina*, *Cochliomyia macellaria*, and *Lucilia sericata*; ST greenhouse red spider at 4%; NT bean aphid at 4%. 156, 157, 806, 1481.  
206-730-950-1341.  
Quinoline, 5-nitro-, nitrate;  $(\text{C}_6\text{H}_5\text{N})\text{NO}_2\cdot\text{HNO}_3$ . (Ana nitroquinoline nitrate).  
NT *Pieris rapae*. 635.  
206-732-950-952.  
Quinoxaline, 2-(*p*-nitrophenyl)-3-phenyl-;  $(\text{C}_6\text{H}_5)_2(\text{C}_6\text{H}_4\text{N}_2)(\text{C}_6\text{H}_5\text{NO}_2)$ .  
NT as mothproofing agent. 239.  
206-732-950-952.  
Quinoxaline, 2, 3-diphenyl-6-nitro-;  $\text{NO}_2(\text{C}_6\text{H}_4\text{N}_2)(\text{C}_6\text{H}_5)_2$ .  
NT as mothproofing agent. 239.  
206-740-950.  
Carbazole, 3-nitro-;  $(\text{C}_{12}\text{H}_9\text{N})\text{NO}_2$ .  
HT codling moth larvae; NT mosquito larvae. 487, 1291.  
206-781-952-1021.  
Sulfide, benzyl 4-nitrophenyl-;  $\text{C}_6\text{H}_5\text{CH}_2\text{SC}_6\text{H}_4\text{NO}_2$ .  
Fly spray. 112, 683P, 690P, 691P, 692P, 693P, 694P, 695P, 696P.  
206-791-951.  
Benzenethiol, *p*-nitro-;  $\text{NO}_2\text{C}_6\text{H}_4\text{SH}$ . (*p*-Nitrophenylmercaptan; *p*-nitrothiophenol).  
T *Culex quinquefasciatus*; NT screwworms. 156, 157, 172, 1178.  
206-801-951-989-1022-1389.  
Sulfonium methyl sulfate, laurylmethyl(*p*-nitrophenyl)-;  $\text{C}_{12}\text{H}_{25}(\text{CH}_3)(\text{NO}_2\text{C}_6\text{H}_4)\text{SCH}_3\text{SO}_4$ . (*p*-Nitrophenylmethyl-lauryl-sulfonium methoxysulfate). 526P.  
206-841-951.  
Benzene, 1-bromo-2-nitro-;  $\text{BrC}_6\text{H}_4\text{NO}_2$ . (*o*-Nitro-bromobenzene).  
HT screwworms at 0.05-0.08%; ST codling moth larvae. 156, 915.  
206-841-951.  
Benzene, 1-bromo-3-nitro-;  $\text{BrC}_6\text{H}_4\text{NO}_2$ . (*m*-Nitro-bromobenzene).  
HT screwworms at 0.03-0.05%; NT codling moth larvae. 156, 915.  
206-841-951.  
Benzene, 1-bromo-4-nitro-;  $\text{BrC}_6\text{H}_4\text{NO}_2$ . (*p*-Nitro-bromobenzene).  
HT screwworms at 0.03-0.05%; T mosquito and codling moth larvae. 156, 488, 915.  
206-841-951-1021.  
Toluene,  $\alpha$ -bromo-4-nitro-;  $\text{NO}_2\text{C}_6\text{H}_4\text{CH}_2\text{Br}$ . (*p*-Nitrobenzyl bromide).  
HT *Culex quinquefasciatus*. 157.  
206-842-951-1011.  
Benzene, (1, 2-dibromo-2-nitroethyl)-;  $\text{C}_6\text{H}_5\text{CHBrCHBrNO}_2$ . ( $\alpha,\beta$ -Dibromo- $\beta$ -nitroethyl-benzene).  
T *Cochliomyia americana* C and F at 0.08%; NT corn borer and as mothproofing agent. 239, 915, 932, 944, 1120.  
206-842-951-1021.  
Toluene,  $\alpha,\alpha$ -dibromo-*p*-nitro-;  $\text{C}_6\text{H}_5(\text{NO}_2)\text{CHBr}_2$ . (*p*-Nitrobenzyl bromide).  
T screwworms at 0.10-0.17%. 156.  
206-843-1021.  
Bromopierin;  $\text{CBrsNO}_2$ .  
ST *Chrysomphalus aurantii*. 268.  
206-851-924.  
Naphthalene, 1-chloro-nitro-, CU;  $\text{C}_{10}\text{H}_7\text{Cl}(\text{NO}_2)$ . ( $\alpha$ -Chloronitronaphthalene). 809P.  
206-851-924.  
Naphthalene, 2-chloro-nitro-, CU;  $\text{C}_{10}\text{H}_7\text{Cl}(\text{NO}_2)$ . ( $\beta$ -Chloronitronaphthalene). 809P.  
206-851-951.  
Benzene, 1-chloro-2-nitro-;  $\text{ClC}_6\text{H}_4\text{NO}_2$ . (*o*-Chloro-nitro-benzene).  
HT *Aphis rumicis* and screwworms; T Japanese beetle; NT codling moth. 156, 494, 915, 1376.  
206-851-951.  
Benzene, 1-chloro-3-nitro-;  $\text{ClC}_6\text{H}_4\text{NO}_2$ . (*m*-Chloro-nitro-benzene).  
HT *Aphis rumicis* and screwworms. 156, 915, 1376.  
206-851-951.  
Benzene, 1-chloro-4-nitro-;  $\text{ClC}_6\text{H}_4\text{NO}_2$ . (*p*-Chloro-nitro-benzene).  
HT *Aphis rumicis* and screwworms; T noctuid caterpillars, codling moth, Japanese beetle, and as mothproofing agent; NT *Agriotes*. 156, 494, 887, 915, 930, 986, 1179, 1378, 1382.  
206-851-951-1021.  
Toluene,  $\alpha$ -chloro-*m*-nitro-;  $\text{C}_6\text{H}_4(\text{NO}_2)\text{CH}_2\text{Cl}$ . (*m*-Nitro-benzyl-chloride).  
HT *Aphis rumicis*. 1376.  
206-851-951-1021.  
Toluene,  $\alpha$ -chloro-*o*-nitro-;  $\text{C}_6\text{H}_4(\text{NO}_2)\text{CH}_2\text{Cl}$ . (*o*-Nitro-benzyl-chloride).  
HT *Aphis rumicis*. 1376.  
206-851-951-1021.  
Toluene,  $\alpha$ -chloro-*p*-nitro-;  $\text{C}_6\text{H}_4(\text{NO}_2)\text{CH}_2\text{Cl}$ . (*p*-Nitro-benzyl-chloride).  
ST *Aphis rumicis*. 1376.  
206-852-951.  
Benzene, 1, 2-dichloro-4-nitro-;  $\text{Cl}_2\text{C}_6\text{H}_3\text{NO}_2$ . (3, 4-Dichloronitrobenzene).  
HT *Culex quinquefasciatus* and screwworms. 156, 157.  
206-852-951.  
Benzene, 1,3-dichloro-4-nitro-;  $\text{Cl}_2\text{C}_6\text{H}_3\text{NO}_2$ . (2, 5-Dichloronitrobenzene).  
HT screwworms at 0.05-0.08%. 156.  
206-852-951.  
Benzene, 1, 4-dichloro-2-nitro-;  $\text{Cl}_2\text{C}_6\text{H}_3\text{NO}_2$ .  
HT *Aphis rumicis*. 1376.  
206-852-951.  
Benzene, dichloro-nitro-, CU;  $\text{Cl}_2\text{C}_6\text{H}_3\text{NO}_2$ . (Mononitrodichlorobenzene).  
T lice and cockroaches; NT codling moth. 492, 930.  
206-852-951-1021.  
Toluene,  $\alpha,\alpha$ -dichloro-*m*-nitro-;  $\text{C}_6\text{H}_4(\text{NO}_2)\text{CHCl}_2$ . (*m*-Nitrobenzyl chloride).  
T screwworms at 0.10-0.17%. 156.  
206-852-1003.  
Propane, 1, 1-dichloro-1-nitro-;  $\text{CH}_3\text{CH}_2\text{CCl}_2\text{NO}_2$ .  
HT *Tribolium confusum*. 1155.  
206-852-1011.  
Ethane, 1, 1-dichloro-1-nitro-;  $\text{CH}_3\text{C}(\text{NO}_2)\text{Cl}_2$ . ("Ethide").  
T grain insects. 940, 1061, 1067, 1144, 1155, 1352.  
206-853-1011.  
Ethane, dinitro-tetrachloro-, CU;  $[\text{C}(\text{NO}_2)\text{Cl}_2]_2$ .  
HT many insects. 709P.  
206-853-1021.  
Chloropierin;  $\text{CCl}_3\text{NO}_2$ .  
T root-knot nematodes and many insects; MT codling moth. 508, 915, 1382.  
206-855-951.  
Benzene, nitro-pentachloro-;  $\text{NO}_2\text{C}_6\text{Cl}_5$ . 353P.  
206-857-1027.  
Chloronitroparaffins;  $\text{RC}(\text{NO}_2)(\text{R})\text{CH}_2\text{Cl}$ . 836P.  
206-871-912.  
Fluorene, 2-iodo-7-nitro-;  $\text{NO}_2(\text{C}_{13}\text{H}_9)\text{I}$ . 110, 197P.

- 206-871-951.  
Benzene, 1-iodo-2-nitro-;  $\text{IC}_6\text{H}_4\text{NO}_2$ . (*o*-Nitroiodobenzene).  
HT European corn borer and HT screwworms at 0.05-0.08%; T mosquito and codling moth larvae. 110, 156, 487, 1120, 1123, 1292, 1312, 1325P.
- 206-871-951.  
Benzene, 1-iodo-3-nitro-;  $\text{IC}_6\text{H}_4\text{NO}_2$ . (*m*-Nitroiodobenzene).  
HT screwworms; T mosquito and codling moth larvae. 110, 156, 487, 1206, 1282, 1325, 1328.
- 206-871-951.  
Benzene, 1-iodo-4-nitro-;  $\text{IC}_6\text{H}_4\text{NO}_2$ . (*p*-Nitroiodobenzene).  
T codling moth, silkworm, tent caterpillar, and European corn borer; NT screwworm and mosquito larvae. 110, 156, 487, 929, 930, 1120, 1123, 1292, 1312, 1325P, 1327, 1328.
- 206-871-951-1021.  
Toluene, 4-iodo-2-nitro-;  $\text{CH}_3\text{C}_6\text{H}_3(\text{NO}_2)\text{I}$ .  
More toxic than lead arsenate to insects. 110, 1325P.
- 206-890-951.  
Benzene, 1-iodo-2-nitro-; dichloride;  $\text{C}_6\text{H}_4(\text{NO}_2)\text{ICl}_2$ . (*o*-Nitrophenyliodochloride).  
T Colorado potato beetles, southern armyworms, diamondback cabbage worms, and as mothproofing agent. 110, 239, 1312, 1314P.
- 206-890-951.  
Benzene, 1-iodo-3-nitro-; dichloride;  $\text{C}_6\text{H}_4(\text{NO}_2)\text{ICl}_2$ . (*m*-Nitrophenyliodochloride).  
HT Colorado potato beetles, southern armyworms, Hawaiian beet webworms, melon worms, and southern beet webworms; ST mosquitoes. 110, 157, 239, 1312, 1314P.
- 206-890-951.  
Benzene, 1-iodo-4-nitro-; dichloride;  $\text{C}_6\text{H}_4(\text{NO}_2)\text{ICl}_2$ . (*p*-Nitrophenyliodochloride).  
HT codling moths and tobacco hornworms; MT melon worms, mosquitoes, and many other insects. 110, 157, 239, 1312, 1314P.
- 206-912.  
Fluorene, 9-nitro-? ( $\text{C}_{14}\text{H}_9\text{NO}_2$ ? (Nitrofluorene).  
NT codling moths. 915.
- 206-912.  
Acenaphthene, 3-nitro-;  $\text{C}_{10}\text{H}_7(\text{CH}_3)_2\text{NO}_2$ .  
MT *Culex quinquefasciatus*. 157.
- 206-924.  
Naphthalene, 1-nitro-;  $\text{C}_{10}\text{H}_7\text{NO}_2$ .  
HT *Aphis rumicis* and European corn borer; T Japanese beetles, codling moths, roaches, and T screwworms at 0.08%; NT *Agrotis*, *Tineola bisellula*, and *Attagenus piceus*. 494, 536, 739, 915, 944, 950, 1120, 1173, 1376, 1382.
- 206-951.  
Benzene, nitro-;  $\text{C}_6\text{H}_5\text{NO}_2$ .  
HT *Aphis rumicis*; T screwworms; used in poison bran baits. 156, 751, 1376, 1396.
- 206-951-1003-1021.  
*p*-Cymene, 2-nitro-;  $\text{CH}_3(\text{C}_6\text{H}_7)\text{C}_6\text{H}_4\text{NO}_2$  (2-Nitro-4-isopropyl, 1-methyl benzene).  
NT screwworms. 156.
- 206-951-1021.  
Toluene, *o*-nitro-;  $\text{CH}_3\text{C}_6\text{H}_4\text{NO}_2$ .  
T codling moth and *Musca domestica*; NT *Agrotis*. 915, 1002, 1382.
- 206-951-1021.  
Toluene, *p*-nitro-;  $\text{NO}_2\text{C}_6\text{H}_4\text{CH}_3$ .  
T screwworms at 0.10-0.17%. 156.
- 206-951-1021.  
Toluene, nitro-; CU;  $\text{NO}_2\text{C}_6\text{H}_4\text{CH}_3$ .  
T screwworms at 0.17-0.33%. 156.
- 206-951-1022.  
Xylene, nitro-, CU;  $(\text{CH}_3)_2\text{C}_6\text{H}_3\text{NO}_2$ .  
T *Leptinotarsa decemlineata*; ST *Musca domestica*; NT *Agrotis*. 1002, 1009, 1382.
- 206-951-1023.  
Mesitylene, nitro-;  $(\text{CH}_3)_3\text{C}_6\text{H}_2\text{NO}_2$ .  
ST screwworms at 0.67%. 156.
- 206-952.  
Biphenyl, 2-nitro-;  $\text{C}_6\text{H}_5\text{C}_6\text{H}_4\text{NO}_2$ . (*o*-Nitrodiphenyl).  
T screwworms at 0.10-0.17%. 156.
- 206-952.  
Biphenyl, 4-nitro-;  $\text{C}_6\text{H}_5\text{C}_6\text{H}_4\text{NO}_2$ . (*p*-Nitrobiphenyl).  
HT codling moth larvae; NT screwworms and *Melanoplus mexicanus*. 156, 1150, 1291.
- 206-954-1021-1193-1291.  
Phosphonium chloride, *p*-nitrobenzyltriphenyl-;  $\text{O}_2\text{NC}_6\text{H}_4\text{CH}_2(\text{C}_6\text{H}_5)_3\text{PCl}$ .  
T as mothproofing agent. 394P, 395P, 867P, 871P, 1175, 1176, 1179.
- 206-1001.  
Butane, 1-nitro-;  $\text{CH}_3\text{NO}_2\text{CH}_2\text{CH}_2\text{CH}_3$ .  
T *Tribolium confusum*. 1158.
- 206-1001.  
Butane, 2 nitro-;  $\text{CH}_3\text{CHNO}_2\text{CH}_2\text{CH}_3$ .  
T *Tribolium confusum*. 1158.
- 206-1003.  
Propane, 1-nitro-;  $\text{CH}_3\text{NO}_2\text{CH}_2\text{CH}_3$ .  
T *Tribolium confusum*. 1158.
- 206-1003.  
Propane, 2-nitro-;  $\text{CH}_3\text{CHNO}_2\text{CH}_2\text{CH}_3$ .  
T *Tribolium confusum*. 1158.
- 206-1011.  
Ethane, nitro-;  $\text{CH}_3\text{NO}_2\text{CH}_3$ .  
T *Tribolium confusum*. 1158.
- 206-1021.  
Methane, nitro-;  $\text{CH}_3\text{NO}_2$ .  
HT rice weevil; T *Tribolium confusum*; ST codling moth; NT red scale and *Leptinotarsa decemlineata*. 288, 915, 1009, 1158, 1180.
- 207-230-952.  
Morpholine, 4-(2, 4-dinitrophenyl)-;  $(\text{NO}_2)_2\text{C}_6\text{H}_3\text{N}(\text{CH}_2\text{CH}_2)_2\text{O}$ .  
ST corn borer; NT *Cochliomyia americana*. 944, 1120.
- 207-248-571-581-691-951-1025.  
Pieramic acid, *N,N*-dimethyl-, compound with betaine;  $(\text{CH}_3)_2\text{N}^+\text{C}_6\text{H}_4(\text{NO}_2)_2\text{O}^-\text{H}(\text{CH}_3)_2\text{N}^+\text{CH}_2\text{COO}^-$ .  
NT *Phlyctenia rubipalis*. 949.
- 207-258-581-924.  
1-Naphthol-7-sulfonic acid, 2, 4-dinitro-;  $(\text{NO}_2)_2\text{C}_{10}\text{H}_6(\text{OH})\text{SO}_3\text{H}$ .  
T screwworms at 0.17-0.33%. 156.
- 207-258-581-951-1114.  
Phenolsulfonic acid, dinitro-, barium salt;  $\text{CU}; [\text{HOOC}_6\text{H}_3(\text{NO}_2)_2\text{SO}_3]_2\text{Ba}$ . (Barium dinitrophenol sulfonic acid).  
NT *Pieris rapae*. 635.
- 207-258-581-1196.  
Phenolsulfonic acid, dinitro-, potassium salt, CU;  $\text{HOC}_6\text{H}_3(\text{NO}_2)_2\text{SO}_3\text{K}$ . (Potassium dinitrophenol sulfonic acid).  
NT *Pieris rapae*. 635.
- 207-258-584-924-1218.  
Naphthol yellow;  $\text{C}_{10}\text{H}_6(\text{NO}_2)_2(\text{SO}_3\text{Na})\text{ONa}$ . (Sodium or potassium salt of 2, 4-dinitro-1-naphthol-7-sulfonic acid).  
T as mothproofing agent. 200, 201, 1024, 1176.
- 207-258-951-1218.  
Benzeneulfonic acid, 2, 4-dinitro-, sodium salt;  $(\text{NO}_2)_2\text{C}_6\text{H}_3\text{SO}_3\text{Na}$ . (Sodium 2, 4-dinitrobenzenesulfonate).  
NT screwworms. 156.
- 207-264-952.  
Sulfone, bis(*m*-nitrophenyl)-;  $\text{NO}_2\text{C}_6\text{H}_4\text{SO}_2\text{C}_6\text{H}_4\text{NO}_2$ . (Di-(3-nitrophenyl) sulfone).  
HT corn borer; T clothes moths. 239, 1120.
- 207-265-440-950.  
Phenothiazine, dinitro-, 5-oxide-, CU;  $(\text{NO}_2)_2\text{C}_{12}\text{H}_8\text{N}_3\text{S}:\text{O}$ . (Dinitro thiodiphenylamine sulfoxide).  
ST Mexican bean beetle. 606, 1432.
- 207-331-951-1021.  
Benzoyl chloride, 3, 5-dinitro-;  $(\text{NO}_2)_2\text{C}_6\text{H}_3\text{COCl}$ .  
NT screwworms. 156.
- 207-370-951-1023.  
Carbamic acid, dimethyldithio-, 2, 4-dinitrophenyl ester;  $(\text{C}_6\text{H}_4)_2\text{NC}(\text{S})\text{SC}_6\text{H}_3(\text{NO}_2)_2$ .  
MT Japanese beetle. 606, 1432.
- 207-401-951-1021.  
Thiocyanic acid, 2, 4-dinitrophenyl ester;  $\text{NCSC}_6\text{H}_3(\text{NO}_2)_2$ . (Thiocyano-2, 4-dinitrobenzene).  
Fly spray. 112, 674P, 1032P, 1178, 1202P.
- 207-460-950-951.  
Benzothiazole, 2-(3, 5-dinitrophenyl)-;  $(\text{C}_7\text{H}_4\text{N}_2\text{S})\text{C}_6\text{H}_3(\text{NO}_2)_2$ .  
NT mosquito larvae. 172, 1178.
- 207-541-571-588-620-842-950-951-1021-1218.  
Eosin bluish;  $\text{C}_{20}\text{H}_8\text{O}_8\text{Br}_4\text{Na}_8$ .  
T *Lucilia cuprina*. 849, 1144.

- 207-541-581-681-952-1021.  
Anthranilic acid, 3, 5-dinitro-*N*-(2-hydroxyphenyl)-; (NO<sub>2</sub>)<sub>2</sub>C(OOH)C<sub>6</sub>H<sub>3</sub>NHC<sub>6</sub>H<sub>4</sub>OH. (2'-Hydroxy-2, 4-dinitrodiphenylamine-6-carboxylic acid).  
HT *Carpocapsa pomonella*; NT mosquitoes. 487, 1291.
- 207-541-581-951-1011-1142.  
Phenol, 2, 4-dinitro-, copper acetate compound; (NO<sub>2</sub>)<sub>2</sub>C<sub>6</sub>H<sub>3</sub>OH.Cu(OOCCH<sub>3</sub>)<sub>2</sub>. 362P.
- 207-541-581-951-1011-1244.  
Phenol, 2, 4-dinitro-, zinc acetate compound; (NO<sub>2</sub>)<sub>2</sub>C<sub>6</sub>H<sub>3</sub>OH.Zn(OOCCH<sub>3</sub>)<sub>2</sub>. 362P.
- 207-541-581-951-1021.  
Salicylic acid, 3, 5-dinitro-; (NO<sub>2</sub>)<sub>2</sub>(HO)C<sub>6</sub>H<sub>3</sub>COOH. (3, 5-Dinitro-2-hydroxybenzoic acid).  
T screwworms at 0.08-0.10%. 156.
- 207-541-581-951-1021-1218.  
Salicylic acid, 3, 5-dinitro-, sodium salt; (NO<sub>2</sub>)<sub>2</sub>-C<sub>6</sub>H<sub>3</sub>(OH)COONa. (Sodium 3, 5-dinitrosalicylate).  
T screwworms at 0.08-0.10%. 156.
- 207-541-671-681-953-1021.  
Anthranilic acid, 3, 5-dinitro-*N*-phenyl-, aniline salt; C<sub>6</sub>H<sub>5</sub>NHC<sub>6</sub>H<sub>3</sub>(NO<sub>2</sub>)<sub>2</sub>COOH.H<sub>2</sub>NC<sub>6</sub>H<sub>5</sub>. (Aniline salt of 2, 4-dinitrodiphenylamine-6-carboxylic acid).  
T codling moth larvae; NT mosquito larvae. 487, 1291.
- 207-541-851-951.  
Benzoic acid, 2-chloro-3, 5-dinitro-; (NO<sub>2</sub>)<sub>2</sub>C<sub>6</sub>H<sub>3</sub>-Cl(OOH).  
MT codling moth larvae. 487, 1120.
- 207-541-951-1011.  
 $\alpha$ -Toluic acid, 2, 4-dinitro-; (NO<sub>2</sub>)<sub>2</sub>C<sub>6</sub>H<sub>3</sub>CH<sub>3</sub>COOH. (2, 4-Dinitrophenylacetic acid).  
NT screwworms. 156.
- 207-541-951-1021.  
Benzoic acid, 3, 5-dinitro-; (NO<sub>2</sub>)<sub>2</sub>C<sub>6</sub>H<sub>3</sub>COOH.  
ST screwworms at 0.67%; NT *Tineola biselliella* and *Attagus piceus*. 156, 739.
- 207-541-951-1021.  
Benzoic acid, dinitro-, CU; (NO<sub>2</sub>)<sub>2</sub>C<sub>6</sub>H<sub>3</sub>COOH.  
NT *Tineola biselliella* and *Attagus piceus*. 739, 1176.
- 207-551-581-951-1011-1021.  
Salicylic acid, dinitro-, ethyl ester, CU; (NO<sub>2</sub>)<sub>2</sub>C<sub>6</sub>H<sub>3</sub>(OH)COOC<sub>2</sub>H<sub>5</sub>. (Ethyl dinitro salicylate). 996P.
- 207-551-851-951-981-1011.  
Acetic acid,  $\alpha$ -chloro-, 2-cyclohexyl-4, 6-dinitrophenyl ester; (NO<sub>2</sub>)<sub>2</sub>(C<sub>6</sub>H<sub>11</sub>)C<sub>6</sub>H<sub>3</sub>OOCCl. (2, 4-Dinitro-6-cyclohexyl-phenylchloro-acetate).  
T flies. 1308P.
- 207-551-951-981-1011.  
Acetic acid, 2-cyclohexyl-4, 6-dinitrophenyl ester; (NO<sub>2</sub>)<sub>2</sub>(C<sub>6</sub>H<sub>11</sub>)C<sub>6</sub>H<sub>3</sub>OOCC<sub>2</sub>H<sub>5</sub>. (2, 4-Dinitro-6-cyclohexyl-phenyl acetate).  
T flies. 1308P.
- 207-551-951-1003.  
Propionic acid, 2, 4-dinitrophenyl ester; (NO<sub>2</sub>)<sub>2</sub>C<sub>6</sub>H<sub>3</sub>OOCC<sub>2</sub>H<sub>5</sub>. (2, 4-Dinitrophenol propionate).  
NT European corn borer. 1122.
- 207-551-951-1003-1021.  
Propionic acid, 4, 6-dinitro-*o*-tolyl ester; C<sub>6</sub>H<sub>3</sub>C<sub>6</sub>H<sub>2</sub>(NO<sub>2</sub>)<sub>2</sub>OOCC<sub>2</sub>H<sub>5</sub>. (4, 6-Dinitro-*o*-cresol propionate).  
T European corn borer. 1122.
- 207-551-951-1011.  
Acetic acid, 2, 4-dinitrophenyl ester; CH<sub>3</sub>COOC<sub>6</sub>H<sub>3</sub>(NO<sub>2</sub>)<sub>2</sub>.  
T screwworms, European corn borer, *Culex quinquefasciatus*, and as mothproofing agent. 157, 239, 944, 1120.
- 207-551-951-1011-1021.  
Acetic acid, 4, 6-dinitro-*o*-tolyl ester; CH<sub>3</sub>COOC<sub>6</sub>H<sub>3</sub>(CH<sub>3</sub>)(NO<sub>2</sub>)<sub>2</sub>. (4, 6-Dinitro-*o*-cresol acetate).  
T termites, southern beet webworm, American cockroach, Mexican bean beetle, rice weevil, Hawaiian beet webworm, melon worm, European corn borer, and codling moth larvae. 1120, 1291, 1312, 1317.
- 207-551-951-1021.  
Formic acid, 2, 4-dinitrophenyl ester; (NO<sub>2</sub>)<sub>2</sub>C<sub>6</sub>H<sub>3</sub>OOCH. (Formate of 2, 4-dinitrophenol). 362P.
- 207-551-952-961-1021.  
Benzoic acid, 2-cyclohexyl-4, 6-dinitrophenyl ester; C<sub>6</sub>H<sub>5</sub>COOC<sub>6</sub>H<sub>3</sub>(NO<sub>2</sub>)<sub>2</sub>C<sub>6</sub>H<sub>11</sub>. (2, 4-Dinitro-6-cyclohexyl-phenyl benzoate).  
T flies. 1308P.
- 207-571-581-951-961-1021-1030.  
Cyclohexanone, 2-(3, 5-dinitrosalicylidene)-; O:(C<sub>6</sub>H<sub>3</sub>)<sub>2</sub>:CHC<sub>6</sub>H<sub>3</sub>(NO<sub>2</sub>)<sub>2</sub>OH. 127P.
- 207-571-581-951-995-1030.  
1-Penten-3-one, 4, 4-dimethyl-1-(3, 5-dinitro-2-hydroxyphenyl)-; C(CH<sub>3</sub>)<sub>2</sub>COCH<sub>2</sub>:CHC<sub>6</sub>H<sub>3</sub>(NO<sub>2</sub>)<sub>2</sub>OH. (3, 5-Dinitro-salicylidene- $\alpha$ -pinacolone). 127P.
- 207-571-581-952-999-1033.  
3-Pentadecanone, 1-(3, 5-dinitro-2-hydroxyphenyl)-5-phenyl-; C<sub>6</sub>H<sub>5</sub>CH<sub>2</sub>:CHCOCH<sub>2</sub>:CHC<sub>6</sub>H<sub>3</sub>(NO<sub>2</sub>)<sub>2</sub>OH. (3, 5-Dinitro-salicylidene-benzylidene acetone). 127P.
- 207-571-581-952-1003-1030.  
Acrylphenone,  $\beta$ -(3, 5-dinitro-2-hydroxyphenyl)-; C<sub>6</sub>H<sub>5</sub>COCH<sub>2</sub>:CHC<sub>6</sub>H<sub>3</sub>(NO<sub>2</sub>)<sub>2</sub>OH. (3, 5-Dinitro-salicylidene-acetophenone). 127P.
- 207-571-620-950.  
Xanthone, 2, 7-dinitro-; O:(C<sub>6</sub>H<sub>3</sub>OH)(NO<sub>2</sub>)<sub>2</sub>.  
NT *Phlyctenia rubripalis*. 949.
- 207-571-951-999-1033.  
3-Pentadecanone, 1, 5-bis(*m*-nitrophenyl)-; (NO<sub>2</sub>)C<sub>6</sub>H<sub>4</sub>CH<sub>2</sub>:CHCO. (Di-*m*-nitrobenzalacetone; *m,m'*-dinitro-styryl ketone).  
NT screwworms. 156.
- 207-581-665-672-952-1021.  
Phenol, 2-(4, 6-diamino-*m*-tolylazo)-4, 6-dinitro-; (NH<sub>2</sub>)<sub>2</sub>C<sub>6</sub>H<sub>3</sub>(CH<sub>3</sub>)N:N(C<sub>6</sub>H<sub>3</sub>(OH)(NO<sub>2</sub>)<sub>2</sub>). (4-(2-Hydroxy-3, 5-dinitrophenylazo)-6-*m*-tolylenediamine).  
HT mosquito larvae. 487.
- 207-581-805-924-951.  
2-Naphthol, 1-(2, 4-dinitrophenylazo)-; HOC<sub>10</sub>H<sub>6</sub>-N:NC<sub>6</sub>H<sub>3</sub>(NO<sub>2</sub>)<sub>2</sub>.  
NT earw borer. 1120.
- 207-581-667-951-975.  
Phenol, dinitro-, arylbiguanide compound, CU. (Arylbiquandidine salt of dinitrophenol). 630P.
- 207-581-667-952-961.  
Phenol, 2-cyclohexyl-4, 6-dinitro-, phenylbiguanide compound; C<sub>6</sub>H<sub>5</sub>:C<sub>6</sub>H<sub>3</sub>(NO<sub>2</sub>)<sub>2</sub>OH.H<sub>2</sub>NC(:NH)-NHC(:NH)NHC<sub>6</sub>H<sub>5</sub>. (Phenyl-biguanide salt of 2, 4-dinitro-6-cyclohexyl phenol). 630P.
- 207-581-668-951-975.  
Phenol, dinitro-, diarylguanidine compound, CU; (Diaryl-guanidine salts of dinitrophenol). 630P.
- 207-581-671-951.  
Pieramic acid; NH<sub>2</sub>(NO<sub>2</sub>)<sub>2</sub>C<sub>6</sub>H<sub>3</sub>OH. (2-Amino-4, 6-dinitrophenol).  
HT *Phlyctenia rubripalis* larvae; ST greenhouse red spider; NT aphids and codling moth larvae. 634P, 915, 949, 1144, 1376, 1481.
- 207-581-671-951-962.  
Phenol, 2-cyclohexyl-4, 6-dinitro-, cyclohexylamine compound; C<sub>6</sub>H<sub>11</sub>C<sub>6</sub>H<sub>3</sub>(NO<sub>2</sub>)<sub>2</sub>OH.H<sub>2</sub>NC<sub>6</sub>H<sub>11</sub>. (Monocyclohexyl-amine salt of 2, 4-dinitro-6-cyclohexyl phenol). 128P, 129P.
- 207-581-681-951-963.  
Phenol, 2-cyclohexyl-4, 6-dinitro-, dicyclohexylamine compound; C<sub>6</sub>H<sub>11</sub>C<sub>6</sub>H<sub>3</sub>(NO<sub>2</sub>)<sub>2</sub>OH.HN(CH<sub>2</sub>C<sub>6</sub>H<sub>11</sub>)<sub>2</sub>. (Dicyclohexyl-amine salt of 2, 4-dinitro-6-cyclohexyl phenol).  
T many insects. 13, 128P.
- 207-581-681-951-963-1022.  
Phenol, 2-cyclohexyl-4, 6-dinitro-, di-(2-methyl-cyclohexylamine) compound; C<sub>6</sub>H<sub>11</sub>C<sub>6</sub>H<sub>3</sub>(NO<sub>2</sub>)<sub>2</sub>OH.-HN(C<sub>6</sub>H<sub>10</sub>CH<sub>3</sub>)<sub>2</sub>. (Di-(2-methyl-cyclohexyl)-amine salt of 2, 4-dinitro-6-cyclohexyl phenol). 128P.
- 207-581-681-951-1021.  
Pieramic acid, *N*-methyl-; (NO<sub>2</sub>)<sub>2</sub>ORC<sub>6</sub>H<sub>3</sub>NHCH<sub>3</sub>.  
HT greenhouse leaf tier. 634P, 949, 1144.
- 207-581-691-951-1022.  
Pieramic acid, *N,N*-dimethyl-; C<sub>6</sub>H<sub>3</sub>OH(NO<sub>2</sub>)<sub>2</sub>N-(CH<sub>3</sub>)<sub>2</sub>.  
HT greenhouse leaf tier. 949.
- 207-581-700-952-1003-1030.  
Pieramic acid, *N*-cinnamylidene; (NO<sub>2</sub>)<sub>2</sub>ORC<sub>6</sub>H<sub>3</sub>N:CHCH:CHC<sub>6</sub>H<sub>5</sub>. 128P.
- 207-581-851-951.  
Phenol, 4-chloro-2, 6-dinitro-; ClC<sub>6</sub>H<sub>3</sub>(OH)(NO<sub>2</sub>)<sub>2</sub>.  
HT screwworms at 0.01-0.03%; T codling moths. 156, 915.
- 207-581-851-951.  
Phenol, chloro-dinitro-, CU; ClC<sub>6</sub>H<sub>3</sub>(NO<sub>2</sub>)<sub>2</sub>OH.  
HT *Aphis rumicis*. 1376.
- 207-581-912-951-1021-1030.  
*o*-Cresol, 4, 6-dinitro-*n*-(9-fluorenylidene)-; (C<sub>13</sub>-

- H<sub>8</sub>):CHC<sub>6</sub>H<sub>4</sub>(NO<sub>2</sub>)<sub>2</sub>OH. (0-(3, 5-Dinitro-salicylidene)-fluorene). 127P.
- 207-581-924.  
1-Naphthol, 2, 4-dinitro-; C<sub>10</sub>H<sub>7</sub>OH(NO<sub>2</sub>)<sub>2</sub>.  
T cockroaches; MT *Phlyctena rubiginis*. 293P, 587, 949, 1144.
- 207-581-924.  
1-Naphthol, dinitro-, CU; (NO<sub>2</sub>)<sub>2</sub>C<sub>10</sub>H<sub>7</sub>OH. (Dinitro- $\alpha$ -naphthol).  
NT *Aphis rumicis*. 1376.
- 207-581-950-968-1021-1030.  
*o*-Cresol,  $\alpha$ -(2, 4-cyclopentadienyldene)-4, 6-dinitro-; (C<sub>5</sub>H<sub>4</sub>):CHC<sub>6</sub>H<sub>3</sub>(NO<sub>2</sub>)<sub>2</sub>OH. (3, 5-Dinitro-salicylidene-cyclopentadiene). 127P.
- 207-581-951.  
Phenol, 2, 4-dinitro-; (NO<sub>2</sub>)<sub>2</sub>C<sub>6</sub>H<sub>3</sub>OH.  
HT *Aphis rumicis* and screwworms; T codling moth and Japanese beetles; NT grasshoppers. 156, 494, 915, 1144, 1376.
- 207-581-951-961.  
Phenol, 2-cyclohexyl-4, 6-dinitro-; C<sub>6</sub>H<sub>11</sub>C<sub>6</sub>H<sub>3</sub>(NO<sub>2</sub>)<sub>2</sub>OH. (2, 4-Dinitro-6-cyclohexyl phenol).  
HT screwworms and mosquitoes; T many insects. 13, 156, 293, 487, 488, 723, 726, 765, 766.
- 207-581-951-961.  
Phenol, 3-cyclohexyl-4, 6-dinitro-? C<sub>6</sub>H<sub>11</sub>C<sub>6</sub>H<sub>3</sub>(NO<sub>2</sub>)<sub>2</sub>OH. (2, 4-Dinitro-metacyclohexyl phenol). 964P.
- 207-581-951-961.  
Phenol, 3-cyclohexyl-dinitro-, CU; (HO)(NO<sub>2</sub>)<sub>2</sub>C<sub>6</sub>H<sub>3</sub>C<sub>6</sub>H<sub>11</sub>. (Nitro derivatives of 3-cyclohexyl-phenol containing two substituting nitro groups in the benzene ring). 970P.
- 207-581-951-969.  
Phenol, 2-cyclopentyl-4, 6-dinitro-; HOC<sub>5</sub>H<sub>7</sub>(NO<sub>2</sub>)<sub>2</sub>C<sub>5</sub>H<sub>7</sub>. (2, 4-Dinitro-6-cyclopentyl-phenol).  
ST *Bombyx mori*. 765.
- 207-581-951-993.  
Phenol, 2, 4-dinitro-6-octyl-; C<sub>8</sub>H<sub>17</sub>C<sub>6</sub>H<sub>3</sub>(OH)(NO<sub>2</sub>)<sub>2</sub>. (2, 4-Dinitro-6-n-octylphenol).  
ST *Bombyx mori*. 765, 969.
- 207-581-951-995.  
Phenol, 2, 4-dinitro-6-heptyl-; C<sub>7</sub>H<sub>15</sub>C<sub>6</sub>H<sub>3</sub>(OH)(NO<sub>2</sub>)<sub>2</sub>. (2, 4-Dinitro-6-n-heptylphenol).  
ST *Bombyx mori*. 765.
- 207-581-951-997.  
Phenol, 2, 4-dinitro-6-hexyl-; C<sub>6</sub>H<sub>13</sub>C<sub>6</sub>H<sub>3</sub>(OH)(NO<sub>2</sub>)<sub>2</sub>. (2, 4-Dinitro-6-n-hexylphenol).  
ST *Bombyx mori*. 765.
- 207-581-951-999.  
Phenol, 2, 4-dinitro-6-pentyl-; C<sub>5</sub>H<sub>11</sub>C<sub>6</sub>H<sub>3</sub>(OH)(NO<sub>2</sub>)<sub>2</sub>. (2, 4-Dinitro-6-n-pentylphenol).  
ST *Bombyx mori*. 765.
- 207-581-951-1001.  
Phenol, 2-butyl-4, 6-dinitro-; C<sub>4</sub>H<sub>9</sub>C<sub>6</sub>H<sub>3</sub>(OH)(NO<sub>2</sub>)<sub>2</sub>. (2, 4-Dinitro-6-n-butylphenol).  
ST *Bombyx mori*. 765.
- 207-581-951-1001.  
Phenol, 2-*tert*-butyl-4, 6-dinitro-; (NO<sub>2</sub>)<sub>2</sub>C<sub>6</sub>H<sub>3</sub>(OH)C<sub>4</sub>H<sub>9</sub>. (2, 4-Dinitro-6-*tert*-butyl phenol). 293P.
- 207-581-951-1003.  
Phenol, 2, 4-dinitro-6-propyl-; C<sub>3</sub>H<sub>7</sub>C<sub>6</sub>H<sub>3</sub>(OH)(NO<sub>2</sub>)<sub>2</sub>. (2, 4-Dinitro-6-n-propylphenol).  
ST *Bombyx mori*. 765.
- 207-581-951-1003-1021.  
Thymol, 2, 6-dinitro-; HOC<sub>6</sub>H(NO<sub>2</sub>)<sub>2</sub>(CH<sub>3</sub>)CH(CH<sub>3</sub>)<sub>2</sub>. (Dinitrothymol; 2, 4-dinitro-3-methyl-6-isopropylphenol).  
HT screwworms; ST *Bombyx mori*. 156, 765.
- 207-581-951-1011.  
Phenol, 2, 4-dinitro-6-ethyl-; C<sub>2</sub>H<sub>5</sub>C<sub>6</sub>H<sub>3</sub>(OH)(NO<sub>2</sub>)<sub>2</sub>. (2, 4-Dinitro-6-ethylphenol).  
ST *Bombyx mori*. 765.
- 207-581-951-1021.  
*o*-Cresol, 4, 6-dinitro-; CH<sub>3</sub>C<sub>6</sub>H<sub>3</sub>(OH)(NO<sub>2</sub>)<sub>2</sub>. (2, 4-Dinitro-6-methylphenol; sometimes incorrectly named 3, 5-dinitro-*o*-cresol).  
HT greenhouse red spider and codling moth at 4%; T corn borer and many insects; ST *Bombyx mori*. 156, 606, 765, 965P, 1120, 1144, 1150, 1291, 1373, 1376, 1377, 1481.
- 207-581-951-1021.  
*o*-Cresol, dinitro-, CU; CH<sub>3</sub>C<sub>6</sub>H<sub>3</sub>(NO<sub>2</sub>)<sub>2</sub>OH.  
T as mothproofing agent. 1179, 1388P.
- 207-581-951-1021.  
*p*-Cresol, 2, 5-dinitro-; CH<sub>3</sub>C<sub>6</sub>H<sub>3</sub>(NO<sub>2</sub>)<sub>2</sub>OH. 293P.
- 207-581-951-1021.  
*p*-Cresol, 2, 6-dinitro-; CH<sub>3</sub>C<sub>6</sub>H<sub>3</sub>(NO<sub>2</sub>)<sub>2</sub>OH.  
HT greenhouse red spider and codling moth at 4%. 1481.
- 207-581-951-1027.  
Phenols, alkyl-dinitro-. 969P.
- 207-581-951-1027.  
Phenols, dialkyl-dinitro. 1000P.
- 207-581-951-1142-1389.  
Phenol, 2, 4-dinitro-, copper sulfate compound; (NO<sub>2</sub>)<sub>2</sub>C<sub>6</sub>H<sub>3</sub>OH.CuSO<sub>4</sub>. 362P.
- 207-581-951-1244-1291.  
Phenol, 2, 4-dinitro-, zinc chloride compound; HOC<sub>6</sub>H<sub>3</sub>(NO<sub>2</sub>)<sub>2</sub>.ZnCl<sub>2</sub>. 362P.
- 207-581-952.  
Phenol, dinitro-*o*-phenyl-, CU; C<sub>6</sub>H<sub>4</sub>C<sub>6</sub>H<sub>3</sub>OH(NO<sub>2</sub>)<sub>2</sub>.  
T aphids, psyllae, red spiders, and caterpillars. 121P.
- 207-581-952-1045.  
Phenol, dinitro-*o*-phenyl-, compounds with organic nitrogen bases, CU.  
T aphids, psyllae, red spiders, caterpillars, etc. 121P.
- 207-581-952-1450.  
Phenol, dinitro-*o*-phenyl-, salts, CU.  
T aphids, psyllae, red spiders, caterpillars, etc. 121P.
- 207-582-700-952-1021.  
Pieramid acid, *N*-salicylidene-; (NO<sub>2</sub>)<sub>2</sub>OHC<sub>6</sub>H<sub>4</sub>N:-CHC<sub>6</sub>H<sub>4</sub>OH. 126P.
- 207-582-781-882-952.  
Sulphide, bis(5-halogeno-2-hydroxy-3-nitrophenyl)-; [NO<sub>2</sub>C<sub>6</sub>H<sub>3</sub>(X)(OH)]<sub>2</sub>S. 383P, 1178.
- 207-582-951.  
Resoreinol, dinitro-, CU; (NO<sub>2</sub>)<sub>2</sub>C<sub>6</sub>H<sub>3</sub>(OH)<sub>2</sub>.  
NT codling moth. 915.
- 207-588-924-1218.  
1-Naphthol, 2, 4-dinitro-, sodium derivative; C<sub>10</sub>H<sub>7</sub>(NO<sub>2</sub>)<sub>2</sub>ONa. (Naphthol yellow).  
ST as mothproofing agent. 200A.
- 207-588-924-1218.  
Naphthol, dinitro-, sodium derivative, CU; (NO<sub>2</sub>)<sub>2</sub>C<sub>10</sub>H<sub>7</sub>ONa.  
T termites. 1179, 1388P.
- 207-588-951-961-1172.  
Phenol, 2-cyclohexyl-4, 6-dinitro-, magnesium derivative; [CH<sub>3</sub>C<sub>6</sub>H<sub>3</sub>(NO<sub>2</sub>)<sub>2</sub>OH]<sub>2</sub>Mg. (Magnesium 2, 4-dinitro-6-cyclohexylphenate).  
NT *Melanoplus m. mexicanus*. 766, 1150.
- 207-588-951-1021-1109.  
*o*-Cresol, dinitro-, ammonium derivative, CU; CH<sub>3</sub>C<sub>6</sub>H<sub>3</sub>(NO<sub>2</sub>)<sub>2</sub>ONH<sub>4</sub>. (Ammonium dinitro-*o*-cresylate).  
ST *Pieris rapae*. 635.
- 207-588-951-1021-1109.  
*p*-Cresol, dinitro-, ammonium derivative, CU; CH<sub>3</sub>C<sub>6</sub>H<sub>3</sub>(NO<sub>2</sub>)<sub>2</sub>ONH<sub>4</sub>. (Ammonium dinitro-*p*-cresylate).  
ST *Pieris rapae*. 635.
- 207-588-951-1021-1196.  
*o*-Cresol, dinitro-, potassium derivative, CU; CH<sub>3</sub>C<sub>6</sub>H<sub>3</sub>(NO<sub>2</sub>)<sub>2</sub>OK. (Potassium dinitro-*o*-cresylate).  
T *Lucilia cuprina* larvae at 0.1%; ST *Pieris rapae*. 635, 849.
- 207-588-951-1021-1218.  
*o*-Cresol, 3, 5-dinitro- sodium derivative; CH<sub>3</sub>C<sub>6</sub>H<sub>3</sub>(NO<sub>2</sub>)<sub>2</sub>ONa.  
HT screwworms at 0.03-0.05%. 156.
- 207-588-951-1021-1218.  
*o*-Cresol, dinitro-, sodium derivative, CU. (Sodium dinitro-*o*-cresylate).  
HT apple aphid larvae. 726.
- 207-588-951-1027-1246.  
Phenol, dialkylidinitro-, derivative, CU. (Salts of dinitro dialkyl phenols).  
Used for soft bodied insects and allied pests. 1000P.
- 207-588-951-1218.  
Phenol, 2, 4-dinitro-, sodium derivative; (NO<sub>2</sub>)<sub>2</sub>C<sub>6</sub>H<sub>3</sub>ONa.  
HT screwworms at 0.03-0.10%. 156.
- 207-591-851-951-1003-1030.  
Ether, 2-chloroallyl 2, 4-dinitrophenyl-; (O<sub>2</sub>N)<sub>2</sub>C<sub>6</sub>H<sub>3</sub>OCH<sub>2</sub>C(Cl):CH<sub>2</sub>. (Propene, 2-chloro-3-(2, 4-dinitrophenoxy)-; 2-chloro-allyl ether of 2, 4-dinitrophenol).  
Fly spray. 112, 209P.
- 207-591-951-981-1011.  
Ether, 2-cyclohexyl-4, 6-dinitrophenyl ethyl-; (NO<sub>2</sub>)<sub>2</sub>C<sub>6</sub>H<sub>3</sub>OC<sub>6</sub>H<sub>11</sub>CH<sub>2</sub>CH<sub>3</sub>.

- ( $C_6H_{11}$ ) $C_6H_5OC_2H_5$ . (Ethyl ether of 2, 4-dinitro-6-cyclohexyl phenol).  
T flies. 1309P.
- 207-591-951-961-1021.  
Ether, 2-cyclohexyl-4, 6-dinitrophenyl methyl-; ( $NO_2$ ) $_2$ ( $C_6H_{11}$ ) $C_6H_5OCH_3$ . (Methyl ether of 2, 4-dinitro-6-cyclohexyl phenol).  
T flies. 1309P.
- 207-591-951-1011.  
Phenetole, 2, 4-dinitro-;  $C_2H_5OC_6H_4(NO_2)_2$ .  
ST screwworms at 0.67%. 156.
- 207-591-951-1021.  
Anisole, 2, 4-dinitro-;  $CH_3OC_6H_4(NO_2)_2$ . (2, 4-Dinitrophenyl methyl ether).  
T screwworms and cockroaches; MT corn borer and as mothproofing agent. 156, 157, 239, 586, 1120.
- 207-591-951-1022.  
Anisole, 2, 4-dinitro-6-methyl-;  $CH_3OC_6H_3(CH_3)(NO_2)_2$ . (2-Methyl-4, 6-dinitroanisole; 4, 6-dinitro-*o*-cresol methyl ether; 3, 5-dinitro-*o*-methoxy toluene).  
T *Carpocapsa pomonella*, mosquito larvae, Mexican bean beetle and tobacco hornworm; NT *Aphis rumicis*. 487, 1291, 1312, 1316, 1328, 1376.
- 207-591-952.  
Ether, bis(*p*-nitrophenyl)-;  $NO_2C_6H_4OC_6H_4NO_2$ . (*p,p'*-Dinitrodiphenyl ether).  
NT screwworms. 156.
- 207-591-952-961-1021.  
Ether, benzyl 2-cyclohexyl-4, 6-dinitrophenyl-;  $C_6H_5CH_2OC_6H_3(NO_2)_2C_6H_{11}$ . (Benzyl ether of 2, 4-dinitro-6-cyclohexyl phenol).  
T flies. 1309P.
- 207-591-952-993-1021.  
Ether, benzyl 2, 6-dinitro-4-*tert*-octylphenyl, CU;  $C_6H_5CH_2OC_6H_3(NO_2)_2C_8H_{17}$ . (Benzyl ether of 2, 6-dinitro-4-*tert*-octyl phenol).  
Fly spray. 112, 694P.
- 207-591-952-993-1021.  
Ether, benzyl 2, 6-dinitro-4-(1, 1, 3, 3-tetramethylbutyl)phenyl-;  $C_6H_5CH_2OC_6H_3(NO_2)_2C(CH_3)_2CH_2C(CH_3)_3$ .  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 207-591-952-1021.  
Ether, *p*-nitrobenzyl *o*-nitrophenyl-;  $O_2NC_6H_4CH_2OC_6H_4NO_2$ .  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 207-591-952-1021.  
Ether, benzyl 2, 4-dinitrophenyl-;  $C_6H_5CH_2OC_6H_3(NO_2)_2$ .  
Fly spray. 112, 688P, 690P, 691P, 692P, 693P, 694P, 695P, 696P.
- 207-592-781-852-954-1022.  
Sulfide, bis[5-chloro-2-(*p*-nitrobenzyloxy)-phenyl]-;  $S(C_6H_4(Cl)OCH_2C_6H_4NO_2)_2$ . (Sulfide, bis[5-chloro-2-(4-nitrophenylmethoxy)phenyl]-).  
Fly spray. 112, 688P, 690P, 691P, 692P, 693P, 694P, 695P, 696P.
- 207-592-781-954-994-1022.  
Sulfide, bis[2-(*p*-nitrobenzyloxy)-5-(1, 1, 3, 3-tetramethylbutyl)-phenyl]-;  $S(C_6H_3(OCH_2C_6H_4NO_2)C(CH_3)_2CH_2C(CH_3)_3)_2$ . (Sulfide, bis[2-(4-nitrophenylmethoxy)-5-(1, 1, 3, 3-tetramethylbutyl)phenyl]-).  
Fly spray. 112, 688P, 690P, 691P, 692P, 693P, 694P, 695P, 696P.
- 207-592-781-954-1022.  
Sulfide, bis[*p*-(*p*-nitrobenzyloxy)-phenyl]-;  $S(C_6H_4OCH_2C_6H_4NO_2)_2$ . (Sulfide, bis[4-(4-nitrophenylmethoxy)phenyl]-).  
Fly spray. 112, 688P, 690P, 691P, 692P, 693P, 694P, 695P, 696P.
- 207-592-954-1003-1022.  
Propane, 2, 2-bis(*p*-nitrobenzyloxyphenyl)-, CU;  $(CH_3)_2C(C_6H_4OCH_2C_6H_4NO_2)_2$ . (Methane, bis-(4-nitrophenylmethoxyphenyl)-dimethyl-).  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 207-657-951.  
Hydrazine, 2, 4-dinitrophenyl-;  $H_2NNHC_6H_3(NO_2)_2$ .  
HT screwworms and codling moths. 156, 1291.
- 207-685-952.  
Azobenzene, 4, 4'-dinitro-;  $(NO_2)_2C_6H_4NO_2$ .  
ST codling moths at 4%. 1481.
- 207-671-951.  
Aniline, 2, 4-dinitro-; ( $NO_2$ ) $_2$  $C_6H_3NH_2$ . (2, 4-Dinitrophenylamine).  
T codling moths; ST greenhouse red spider at 4%; NT screwworms and NT bean aphid at 4%. 156, 915, 1481.
- 207-681-951-961.  
Cyclohexylamine, *N*-dinitrophenyl-, CU;  $C_6H_{11}NHC_6H_3(NO_2)_2$ .  
ST *Myzus persicae*. 772.
- 207-681-952.  
Diphenylamine, 2, 4-dinitro-; ( $O_2N$ ) $_2$  $C_6H_3NHC_6H_5$ .  
NT screwworms. 156.
- 207-681-952.  
Diphenylamine, dinitro-, CU;  $HN(C_6H_4NO_2)_2$ .  
NT *Pieris rapae*. 635.
- 207-691-951-1012.  
Aniline, *N,N*-diethyl-2, 4-dinitro-; ( $NO_2$ ) $_2$  $C_6H_3N(C_2H_5)_2$ . (2, 4-Dinitrodiethylaniline).  
NT screwworms. 156.
- 207-732-852-950-951.  
Quinazoline, 6-chloro-3, 4-dihydro-8-nitro-3-(4-chloro-2-nitrophenyl)-;  $Cl(NO_2)(C_6H_4N_2)C_6H_3(Cl)NO_2$ . (3-(2-Nitro-4-chlorobenzene)-6-chloro-8-nitro-3, 4-dihydroquinazoline).  
NT greenhouse red spider at 4%. 1481.
- 207-732-950-951.  
Quinazoline, 3, 4-dihydro-6-nitro-3-(*p*-nitrophenyl)-;  $NO_2(C_6H_4N_2)C_6H_3NO_2$ . (3-(4-Nitrobenzene)-6-nitro-3, 4-dihydroquinazoline).  
ST codling moth at 4%; NT greenhouse red spider at 4%. 1481.
- 207-732-950-951.  
Quinazoline, 3, 4-dihydro-8-nitro-3-(*o*-nitrophenyl)-;  $NO_2(C_6H_3N_2)C_6H_4NO_2$ . (3-(2-Nitrobenzene)-8-nitro-3, 4-dihydroquinazoline).  
NT greenhouse red spider at 4%. 1481.
- 207-781-952.  
Sulfide, bis(*o*-nitrophenyl)-;  $S(C_6H_3NO_2)_2$ . (2, 2'-Dinitro diphenyl sulfide).  
NT southern army worm and greenhouse red spider at 2% and NT codling moth at 4%. 1481.
- 207-781-952.  
Sulfide, bis(*p*-nitrophenyl)-;  $S(C_6H_4NO_2)_2$ . (4, 4'-Dinitro diphenyl sulfide).  
NT mosquito larvae and NT greenhouse red spider at 2% and NT codling moth at 4%. 487, 1481.
- 207-781-952-1021.  
Sulfide, benzyl 2, 4-dinitrophenyl-;  $C_6H_5CH_2SC_6H_3(NO_2)_2$ .  
Fly spray. 112, 688P, 690P, 691P, 692P, 693P, 694P, 695P, 696P.
- 207-782-852-952.  
Disulfide, bis(4-chloro-2-nitrophenyl)-;  $[Cl(O_2N)-C_6H_3S]_2$ . (Di-2-nitro-4-chlorophenyl disulfide; 4, 4'-dichloro, 2, 2'-dinitrodiphenyl disulfide).  
NT mosquito larvae and screwworms. 156, 172, 1178.
- 207-782-952.  
Disulfide, bis(*o*-nitrophenyl)-; ( $NO_2$ ) $_2$  $C_6H_3S$ . (Disulfide, di-(*o*-nitrophenyl)-).  
NT codling moth larvae and screwworms. 156, 915, 1432.
- 207-782-952.  
Disulfide, bis(*p*-nitrophenyl)-; ( $NO_2$ ) $_2$  $C_6H_4S$ . (Di-*p*-nitrophenyl disulfide).  
NT screwworms and mosquito larvae. 156, 172, 1178.
- 207-841-951.  
Benzene, 1-bromo-2, 4-dinitro-; ( $NO_2$ ) $_2$  $C_6H_3Br$ . 2, 4-Dinitrobromobenzene).  
HT screwworms and *Culex quinquefasciatus*. 156, 157.
- 207-851-951.  
Benzene, 1-chloro-2, 4-dinitro-; ( $NO_2$ ) $_2$  $C_6H_3Cl$ . (4-Chloro-1, 3-dinitrobenzene).  
HT screwworms, mosquito larvae, and *Aphis rumicis*; T codling moths. 156, 157, 915, 1376.
- 207-851-951.  
Benzene, chlorodinitro-, CU;  $C_6H_5Cl(NO_2)_2$ .  
T leaf tiers and as mothproofing agent. 986, 1178, 1210P.
- 207-851-951-1108.  
Benzene, 1-chloro-2, 4-dinitro-, ammonium compound?  $ClC_6H_3(NO_2)_2.NH_4OH$ ? 839P.
- 207-852-951.  
Benzene, 1, 2-dichloro-4, 5-dinitro-;  $Cl_2C_6H_3(NO_2)_2$ .  
NT *Aphis rumicis*. 1376.



- 207-852-951.  
Benzene, 1, 4-dichloro-2, 6-dinitro-;  $\text{Cl}_2\text{C}_6\text{H}_2(\text{NO}_2)_2$ .  
NT *Aphis rumicis*. 1376.
- 207-852-952.  
Biphenyl, 4- 4'-dichloro-2, 2'-dinitro-;  $(\text{ClC}_6\text{H}_4\text{NO}_2)_2$ .  
NT screwworms. 156.
- 207-853-951.  
Benzene, dinitrotrichloro-, CU;  $(\text{NO}_2)_2\text{C}_6\text{H}(\text{Cl})_3$ .  
353P.
- 207-924.  
Naphthalene, 1, 5-dinitro-;  $\text{C}_{10}\text{H}_6(\text{NO}_2)_2$ .  
T screwworms at 0.33-0.67%. 156, 1376.
- 207-924.  
Naphthalene, 1, 8-dinitro-;  $\text{C}_{10}\text{H}_6(\text{NO}_2)_2$ .  
NT *Aphis rumicis*. 1376.
- 207-924.  
Naphthalene, dinitro-, CU;  $\text{C}_{10}\text{H}_6(\text{NO}_2)_2$ .  
MT codling moth larvae; NT *Bombyx mori*, *Tineola biselliella*, and *Attagenus piceus*. 156, 561, 759, 1101P, 1176, 1291.
- 207-951.  
Benzene, m-dinitro-;  $\text{C}_6\text{H}_4(\text{NO}_2)_2$ .  
HT screwworms and *Aphis rumicis*; T Japanese beetles; MT aphids; NT *Melanoplus mexicanus*. 156, 494, 1150, 1376, 1377.
- 207-951.  
Benzene, o-dinitro-;  $\text{C}_6\text{H}_4(\text{NO}_2)_2$ .  
T screwworms at 0.10-0.17%; ST greenhouse red spider at 4%; NT codling moth. 156, 915, 1481.
- 207-951.  
Benzene, p-dinitro-;  $\text{C}_6\text{H}_4(\text{NO}_2)_2$ .  
T mosquito larvae. 488.
- 207-951.  
Benzene, dinitro-, CU;  $\text{C}_6\text{H}_4(\text{NO}_2)_2$ . (Dinitrobenzol).  
T as mothproofing agent; NT *Agriotes*. 1176, 1210P, 1382.
- 207-951-1021.  
Toluene, 2, 4-dinitro-;  $\text{CH}_3\text{C}_6\text{H}_3(\text{NO}_2)_2$ . (1-Methyl-2, 4-dinitrobenzene).  
T codling moth and corn borer; ST screwworms; NT cockroaches. 156, 587, 915, 1120.
- 207-951-1021.  
Toluene, dinitro-, CU;  $(\text{NO}_2)_2\text{C}_6\text{H}_3\text{CH}_3$ . (Methyl-dinitrobenzene).  
ST Japanese beetle; NT *Bombyx mori*. 494, 561.
- 207-952.  
Biphenyl, 2, 2'-dinitro-;  $(\text{O}_2\text{NC}_6\text{H}_4)_2$ .  
HT codling moth larvae; NT screwworms. 156, 1291.
- 207-952-1021.  
Methane, bis(p-nitrophenyl)-;  $(\text{NO}_2\text{C}_6\text{H}_4)_2\text{CH}_2$ . (4-4'-Dinitrodiphenylmethane).  
ST screwworms at 0.67%. 156.
- 208-440-581-924-951.  
3-Naphthol[2, 3-e]-p-thiazine, picrate;  $(\text{C}_{12}\text{H}_9\text{NS})_2\text{HOC}_6\text{H}_2(\text{NO}_2)_2$ . 323.
- 208-440-582-924-951.  
3-Naphthol[2, 3-e]-p-thiazine, styphnate. ( $\beta$ -Naphthothiazine styphnate). 323.
- 208-460-581-841-952-1011.  
Thiazole, 4-(p-bromophenyl)-2-ethyl-, picrate;  $\text{C}_6\text{H}_5(\text{C}_6\text{H}_4\text{NS})\text{C}_2\text{H}_4\text{Br.HOC}_6\text{H}_2(\text{NO}_2)_2$ . 1478.
- 208-460-581-841-952-1021.  
Thiazole, 4-(p-bromophenyl)-2-methyl-, picrate;  $\text{CH}_3(\text{C}_6\text{H}_4\text{NS})\text{C}_2\text{H}_4\text{Br.HOC}_6\text{H}_2(\text{NO}_2)_2$ . 1478.
- 208-460-581-851-952-1011.  
Thiazole, 4-(p-chlorophenyl)-2-ethyl-, picrate;  $\text{C}_6\text{H}_5(\text{C}_6\text{H}_4\text{NS})\text{C}_2\text{H}_4\text{Cl.HOC}_6\text{H}_2(\text{NO}_2)_2$ . 1478.
- 208-460-581-851-952-1021.  
Thiazole, 4-(p-chlorophenyl)-2-methyl-, picrate;  $\text{CH}_3(\text{C}_6\text{H}_4\text{NS})\text{C}_2\text{H}_4\text{Cl.HOC}_6\text{H}_2(\text{NO}_2)_2$ . 1478.
- 208-460-581-871-951-1021.  
Thiazole, 2-ethyl-4-(p-iodophenyl)-, picrate;  $\text{C}_6\text{H}_5(\text{C}_6\text{H}_4\text{NS})\text{C}_2\text{H}_4\text{I.HOC}_6\text{H}_2(\text{NO}_2)_2$ . 1478.
- 208-460-581-871-951-1021.  
Thiazole, 4-(p-iodophenyl)-2-methyl-, picrate;  $\text{CH}_3(\text{C}_6\text{H}_4\text{NS})\text{C}_2\text{H}_4\text{I.HOC}_6\text{H}_2(\text{NO}_2)_2$ . 1478.
- 208-541-951-1021.  
Benzoic acid, 2, 4, 6-trinitro-;  $(\text{NO}_2)_3\text{C}_6\text{H}_2\text{COOH}$ .  
T screwworms at 0.33-0.67%. 156.
- 208-561-951-1021.  
Benzaldehyde, 2, 4, 6-trinitro-;  $(\text{NO}_2)_3\text{C}_6\text{H}_2\text{CHO}$ .  
NT mosquito larvae. 487.
- 208-571-912.  
Fluorenone, 2, 6, 7-trinitro-;  $\text{O:C}_{13}\text{H}_6(\text{NO}_2)_3$ .  
NT *Cochliomyia americana*. 944.
- 208-581-951.  
Picric acid;  $(\text{NO}_2)_3\text{C}_6\text{H}_2\text{OH}$ . (2, 4, 6-Trinitrophenol).  
T *Lucilia cuprina* larvae at 1%; MT *Aphis rumicis*; NT codling moth and *Tenebrio molitor*. 841, 849, 915, 1377.
- 208-581-951.  
Phenol, trinitro-, CU;  $(\text{NO}_2)_3\text{C}_6\text{H}_2\text{OH}$ .  
HT *Aphis rumicis*. 1376.
- 208-581-951-961.  
Phenol, 3-cyclohexyl-2, 4, 6-trinitro-;  $(\text{NO}_2)_3\text{C}_6\text{H}_2\text{C}_6\text{H}_{11}\text{OH}$ . 970P.
- 208-581-951-961.  
Phenol, 3-cyclohexyltrinitro-, CU;  $(\text{HO})(\text{NO}_2)_2\text{C}_6\text{H}(\text{C}_6\text{H}_{11})$ . (Nitro derivatives of 3-cyclohexyl-phenol containing three substituting nitro groups in the benzene ring). 970P.
- 208-581-951-1021.  
m-Cresol, 2, 4, 6-trinitro-;  $(\text{NO}_2)_3\text{C}_6\text{H}(\text{CH}_3)\text{OH}$ .  
T screwworms at 0.10-0.17%; ST codling moths. 156, 915.
- 208-582-951.  
Styphnic acid;  $(\text{NO}_2)_3\text{C}_6\text{H}(\text{OH})_2$ . (2, 4, 6-Trinitro-resorcinol).  
T screwworms at 0.17-0.33%; NT codling moths. 156, 930.
- 208-591-951-1021.  
Anisole, 2, 4, 6-trinitro-;  $(\text{NO}_2)_3\text{C}_6\text{H}_2\text{OCH}_3$ . (Picric acid methyl ether; methyl picrate).  
T screwworms at 0.10-0.17%. 156.
- 208-591-952-1022.  
Ether, 4, 6-dinitro-o-tolyl p-nitrobenzyl-;  $\text{O}_2\text{NC}_6\text{H}_4\text{CH}_2\text{OC}_6\text{H}_3(\text{NO}_2)_2\text{CH}_3$ . (Ether, 6-methyl-2, 4-dinitrophenyl p-nitrobenzyl).  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 208-657-951.  
Hydrazine, picryl-;  $(\text{NO}_2)_3\text{C}_6\text{H}_2\text{NHNH}_2$ . (2, 4, 6-Trinitrophenylhydrazine).  
T screwworms at 0.17-0.33%. 156.
- 208-671-951.  
Pieramide;  $\text{H}_2\text{NC}_6\text{H}_2(\text{NO}_2)_2$ . (2, 4, 6-Trinitroaniline).  
NT codling moths. 915.
- 208-851-951.  
Picryl chloride;  $(\text{NO}_2)_3\text{C}_6\text{H}_2\text{Cl}$ . (2-Chloro-1, 3, 5-trinitrobenzene).  
T screwworms at 0.17-0.33%; NT codling moths and *Aphis rumicis*. 156, 915, 1376.
- 208-924.  
Naphthalene, trinitro-, CU;  $\text{C}_{10}\text{H}_6(\text{NO}_2)_3$ .  
NT silkworm and *Tineola biselliella*. 561, 1407.
- 208-951.  
Benzene, 1, 3, 5-trinitro-;  $\text{C}_6\text{H}_3(\text{NO}_2)_3$ .  
HT screwworms at 0.03-0.05%; NT codling moths. 156, 157, 915, 930.
- 208-951.  
Benzene, trinitro-, CU;  $\text{C}_6\text{H}_3(\text{NO}_2)_3$ .  
ST codling moth larvae. 555.
- 208-951-1001-1022.  
m-Xylene, 5-tert-butyl-2, 4, 6-trinitro-;  $(\text{CH}_3)_3\text{C}(\text{NO}_2)_3\text{C}_6\text{H}_3(\text{CH}_3)_2$ . (2, 4, 6-Trinitro-1, 3-dimethyl-5-tert-butylbenzene).  
NT screwworms. 156.
- 208-951-1001-1022.  
Xylene, isobutyltrinitro-, CU;  $[(\text{CH}_3)_3\text{C}](\text{CH}_3)_2(\text{NO}_2)_3\text{C}_6\text{H}_3$ . (Benzene, isobutyltrimethyltrinitro-; musk xylol).  
T as mothproofing agent. 32B, 638, 1175, 1179.
- 208-951-1021.  
Toluene, 2, 4, 6-trinitro-;  $\text{C}_6\text{H}_3(\text{CH}_3)(\text{NO}_2)_3$ .  
T *Cochliomyia americana* C and P at 10%. 944.
- 209-440-950-1350.  
Phenothiazine, tetranitro-, 5-oxide, CU;  $\text{O}:(\text{C}_6\text{H}_4\text{NS})_2(\text{NO}_2)_4$ . (Phenothiazine, tetranitro-, sulfide).  
ST Mexican bean beetle at 10%. 606, 1432.
- 209-571-582-952-999-1033.  
3-Pentadione, 1, 5-bis-(3, 5-dinitro-2-hydroxyphenyl)-;  $[(\text{NO}_2)_2\text{C}_6\text{H}_3(\text{OH})\text{CH}:\text{CH}]_2\text{C}=\text{O}$ . (Di-(3, 5-dinitro-salicylidene)-acetone). 127P.
- 209-581-681-952.  
Picramic acid, N-(2, 4-dinitrophenyl)-;  $\text{C}_6\text{H}_4\text{OH}(\text{NO}_2)_2\text{NHCO}_6\text{H}_3(\text{NO}_2)_2$ . (2, 4-Dinitro, 4'-hydroxydiphenylamine).  
ST screwworms; NT *Phlyctaenia rubigalis*. 156, 949.

- 209-582-700-952-1021.  
Pieramic acid, *N*-(3, 5-dinitrosalicylidene)-;  $(\text{NO}_2)_2\text{-OH-C}_6\text{H}_3\text{N:CHC}_6\text{H}_3(\text{NO}_2)_2\text{OH}$ . 126P.
- 209-681-952.  
Diphenylamine, 2, 2', 4, 4', 6, 6'-hexanitro-;  $[(\text{NO}_2)_3\text{-C}_6\text{H}_3]_2\text{NH}$ . (Bis-(2, 4, 6-trinitrophenyl)amine).  
T *Corrhmiomyia americana* C and P at 0.03%. 944.
- 209-782-952.  
Disulfide, bis (2, 4-dinitrophenyl)-;  $[(\text{NO}_2)_3\text{-C}_6\text{H}_3]_2\text{S}$ . (2, 2', 4, 4'-Tetranitrodiphenyl disulfide).  
NT screwworms. 158.
- 209-952.  
Biphenyl, 2, 2', 4, 4'-tetranitro-;  $(\text{NO}_2)_3\text{-C}_6\text{H}_3\text{-}(\text{NO}_2)_3$ .  
NT screwworms. 158.
- 210-999.  
Isoamyl nitrite;  $(\text{CH}_3)_2\text{CHCH}_2\text{CH}_2\text{ONO}$ .  
HT rice weevil; NT red scale. 268, 1180.
- 210-1001.  
Butyl nitrite;  $\text{CH}_3\text{CH}_2\text{CH}_2\text{CH}_2\text{ONO}$ .  
HT rice weevil; NT red scale. 268, 1180.
- 211-989.  
Dodecyl nitrate;  $\text{CH}_3(\text{CH}_2)_{10}\text{CH}_2\text{NO}_3$ .  
Fly spray. 107P, 112.
230.  
Morpholine;  $\text{C}_4\text{H}_9\text{NO}$ . (Tetrahydro-1, 4-oxazine; diethylenimine oxide).  
T *Lucilia sericata* and screwworm larvae. 723, 944.
- 230-401-951-1021.  
Morpholine, 4-(*p*-thiocyanophenyl)-;  $(\text{C}_6\text{H}_5\text{NO})\text{C}_6\text{H}_4\text{SCN}$ . 112, 674P, 1032, 1178, 1202.
- 230-571-951-1003.  
Propiophenone,  $\beta$ -4-morpholinyl-;  $\text{C}_6\text{H}_5\text{COCH}_2\text{CH}_2\text{-N}(\text{CH}_2\text{CH}_2)_2\text{O}$ . ( $\alpha$ -Benzoyl- $\beta$ -morpholino ethane). 719P.
- 230-796-950.  
3, 1, 4-Benzoxazin-2(1)one, thio-;  $\text{S:}(\text{C}_6\text{H}_7\text{NO})$ . (Cumazone, 2-thio-).  
HT mosquito larvae. 172, 1178.
- 230-951.  
Morpholine, 4-phenyl-;  $\text{O}(\text{CH}_2\text{CH}_2)_3\text{NC}_6\text{H}_5$ .  
T houseflies. 1276.
- 231-572-952-1024-1213.  
Selenide, di-4-antipyril-;  $(\text{C}_{11}\text{H}_9\text{ON})_2\text{Se}$ . (Antipyrine, seleno-).  
T as mothproofing agent. 399P, 429P, 475BP, 679P, 1175.
- 242-268-950-1011.  
Benzoxazole, 2-acetylthio-;  $(\text{C}_7\text{H}_4\text{NO})\text{SCOCH}_3$ . (1-Benzoxazole mercaptan acetate).  
MT mosquito larvae; NT codling moth larvae. 487, 1291.
- 242-681-950-951.  
Benzoxazole, 2-anilino-;  $\text{C}_6\text{H}_5\text{NH}(\text{C}_7\text{H}_4\text{ON})$ . (1-Anilino-benzoxazole).  
HT codling moth larvae. 1291.
- 242-791-950.  
Benzoxazole, 2-mercapto-;  $(\text{C}_7\text{H}_4\text{NO})\text{SH}$ . (1-Benzoxazole mercaptan).  
HT mosquito and codling moth larvae. 172, 487, 1178, 1291.
- 242-791-1027.  
Oxazoline, 5, 5-alkyl-2-mercapto-, CU;  $\text{R}_2(\text{C}_4\text{H}_8\text{NO})\text{SH}$ . 140P.
- 242-950-951.  
Benzoxazole, 2-phenyl-;  $(\text{C}_7\text{H}_4\text{NO})\text{C}_6\text{H}_5$ .  
HT mosquito larvae; T codling moth larvae. 487, 1291, 1328.
- 250-267-983-989-1023.  
9-Octadecenylxanthic acid, carbonic acid, dodecylxanthic acid, anhydride;  $\text{C}_{18}\text{H}_{35}\text{OCSSCOSSCOCC}_{12}\text{H}_{25}$ . (Dodecylxanthic ester of 9, 10-octadecenylxanthic formic acid). 1472P.
- 250-267-985-1023.  
Cetyl xanthic acid, anhydride with carbonic acid;  $(\text{C}_{18}\text{H}_{35}\text{OCSS})_2\text{CO}$ . (Cetyl xanthic ester of cetyl xanthic formic acid). 1472P.
- 250-267-987-993-1023.  
Tetradecylxanthic acid, carbonic acid, octylxanthic acid, anhydride;  $\text{C}_{14}\text{H}_{27}\text{OCSSCOSSCOCC}_8\text{H}_{17}$ . (Tetradecylxanthic ester of octylxanthic formic acid). 1472P.
- 250-267-989-1021.  
Dodecylxanthic acid, anhydride with carbonic acid;  $(\text{C}_{12}\text{H}_{25}\text{OCSS})_2\text{CO}$ . (Dodecylxanthic ester of dodecylxanthic formic acid). 1472P.
- 250-541-989-1022.  
Formic acid, thionothiois-, dodecyl ester;  $\text{C}_{12}\text{H}_{25}\text{-OCSSCOOH}$ . (Dodecylxanthic formic acid). 1472P.
- 250-551-993-1023.  
Formic acid, thionothiois-, methyl octyl ester;  $\text{C}_8\text{H}_{17}\text{-OCSSCOOCH}_3$ . (Methyl ester of octylxanthic formic acid). 1472P.
- 250-551-993-1023.  
Formic acid, thionothiois-, octyl methyl ester;  $\text{CH}_3\text{-OCSSCOOC}_8\text{H}_{17}$ . (Octyl ester of methylxanthic formic acid). 1472P.
- 250-551-1022-1027.  
Formic acid, thionothiois-, alkyl esters. 1472P.
- 250-551-1027.  
Formic acids, thionothiois-, dialkyl esters;  $\text{ROCSSCOOR}$ . [Mixed coconut alcoholic esters of mixed alkyl (as present in coconut aces.) xanthic formic acid]. 1472P.
- 250-989-1011-1021.  
Xanthic acid, dodecyl ester;  $\text{C}_{12}\text{H}_{25}\text{OCSSC}_{12}\text{H}_{25}$ . (Lauryl xanthate). 593P, 1432.
- 250-989-1021-1196.  
Dodecylxanthic acid, potassium salt;  $\text{C}_{12}\text{H}_{25}\text{OCSSK}$ .  
Fly spray. 107P, 112.
- 250-999-1021-1218.  
Amyl xanthic acid, sodium salt;  $\text{C}_5\text{H}_{11}\text{OCSSNa}$ . (Xanthic acid, amyl sodium salt).  
Used with Paris green for killing *Anopheles*. 1027P, 1178.
- 250-1001-1021-1030.  
1-Methylallylxanthic acid;  $\text{CH}_2\text{:CHCH}(\text{CH}_3)\text{OCSSH}$ . (Xanthate of methyl vinyl carbinol). 601P.
- 250-1001-1021-1030-1196.  
1-Methylallylxanthic acid, potassium salt;  $\text{CH}_2\text{:CH}(\text{CH}_3)\text{OCSSK}$ . (Potassium xanthate of methyl vinyl carbinol). 601P.
- 250-1001-1021-1030-1196.  
2-Methylpropenylxanthic acid, potassium salt;  $\text{CH}_3\text{-C}(\text{CH}_3)\text{:CHOCSSK}$ . (Potassium isobutyl xanthate). 600P.
- 250-1001-1021-1030-1246.  
2-Methylpropenylxanthic acid, alkali metal salts. (Alkali metal isobutenylxanthate). 600P.
- 250-1004-1021.  
Propylxanthic acid, propyl ester;  $\text{C}_3\text{H}_7\text{OCSSC}_3\text{H}_7$ . (Xanthic acid, propyl-, propyl ester). 1178, 1212P.
- 250-1011-1021-1196.  
Xanthic acid, potassium salt;  $\text{C}_2\text{H}_5\text{OCSSK}$ . (Potassium ethyl dithiocarbonate; potassium xanthogenate).  
T Japanese beetle larvae; *Heterodera schachtii*, and root-knot nematode; NT *Pieris rapae*. 494, 567, 635, 734, 1178, 1432.
- 250-1011-1021-1218.  
Xanthic acid, sodium salt;  $\text{C}_2\text{H}_5\text{OCSSNa}$ . (Sodium ethyl xanthate). 649, 1432.
- 250-1011-1022.  
Xanthic acid, methyl ester;  $\text{C}_2\text{H}_5\text{OCSSCH}_3$ .  
MT codling moth larvae when applied with talc. 915, 1432.
- 250-1013-1022.  
Glycol, dioxanthate;  $[\text{C}_2\text{H}_4\text{OC}(\text{S})\text{SCH}_2]_2$ . (Xanthic acid, ethylene ester; ethylene bis-ethylxanthogen). 1178, 1212P.
- 250-1022-1196.  
Methylxanthic acid, potassium salt;  $\text{CH}_3\text{OCSSK}$ . (Potassium methyl xanthate).  
HT codling moth larvae. 915, 1432.
- 250-1027.  
Alkylxanthic acids, alkyl esters;  $\text{ROC}(\text{S})\text{SR}$ . (Xanthates, bisalkyl). 1178, 1212P.
- 250-1027-1030-1246.  
Xanthic acids, substituted, salts;  $\text{XYC:HOCC}(\text{S})\text{SM}$ . A monocyclic aliphatic xanthate containing at least five carbon atoms to the molecule, and possessing the general formula above, wherein X represents an isobutenyl radical, M a metal, and Y a substituent of the class consisting of hydrogen and alkyl radicals, X being linked to the C1 carbon atom by an unsaturated tertiary carbon atom. 600P.
- 250-1030-1045.  
Xanthic acids, unsaturated. 600P, 1432.
- 250-1045-1246.  
Xanthic acids, alkali metal salts. (Xanthates, alkali metal). 598, 749, 1208P, 1432.

- 258-290-672-700-955-1021-1030-1218.  
Methyl blue;  $C_{21}H_{27}N_3Na_2O_8S_4$ .  
T *Lucilia cuprina* larvae. 849.
- 258-315-582-842-950-952-1022.  
Bromocresol purple;  $C_{21}H_{16}Br_2O_8S$ . (Dibromo-*o*-cresol sulfonphthalein).  
NT clothes moth larvae. 974, 1176.
- 258-315-582-844-950-952.  
Bromophenol blue;  $C_{19}H_{10}Br_2O_8S$ . (Tetrabromophenol sulfonphthalein).  
NT clothes moth larvae. 974, 1176.
- 258-315-582-844-950-952.  
Bromocresol green;  $C_{19}H_{10}Br_2O_8S$ . (Tetrabromo-*m*-cresol sulfonphthalein).  
NT clothes moth larvae. 974, 1176.
- 258-315-582-950-952.  
Phenol red;  $C_{19}H_{14}O_8S$ . (Phenolsulfonphthalein).  
NT clothes moth larvae. 974, 1176.
- 258-401-591-681-953-1024.  
Benzenesulfonic acid, *p*-benzyloxy-, *N,N*-dimethylthiocyananiline salt, CU;  $C_{20}H_{17}CH_2OC_6H_4SO_3H \cdot (CH_3)_2NCSN$ . (Benzenesulfonic acid, *p*-phenylmethoxy-, thiocyanato-*N,N*-dimethylaniline salt).  
Fly spray. 96P, 112, 688P, 690P, 693P, 694P, 696P.
- 258-402-990-1022-1218.  
Hendecane sulfonic acid, dithiocyanato-, sodium salt;  $(SCN)_2C_{11}H_{21}SO_3Na$ . (Dithiocyanato sodium undecyl-sulfonate).  
Fly spray. 106P, 112.
- 258-541-581-951-1021.  
Salicylic acid, sulfo-, CU;  $HO_2SC_6H_4(OH)COOH$ .  
NT clothes moths. 983, 1176.
- 258-541-581-983-1030.  
Ricinoleic acid, sulfo-, CU;  $HO_2SC_{17}H_{33}(OH)COOH$ .  
T as mothproofing agent. 980P, 1176.
- 258-541-581-983-1030-1246.  
Ricinoleic acid, sulpho-, salts, CU;  $HO_2SC_{17}H_{33}(OH)COOM$ .  
T as mothproofing agent. 103P, 1179.
- 258-541-671-952-1022.  
Anthranilic acid, *p*-toluene sulfonic acid compound;  $HOOC_6H_4NH_2 \cdot HSO_3CaH_4CH_3$ .  
NT mosquito larvae. 172, 1178.
- 258-541-983-1030.  
Oleic acid, sulphonated;  $HO_2SC_{17}H_{33}COOH$ .  
T as mothproofing agent. 980P, 1176.
- 258-541-1027.  
Fatty acids, sulfonated;  $(HSO_3)RCOOH$ .  
T as mothproofing agent. 460P, 470P, 1175, 1176, 1358P.
- 258-542-975.  
Dicarboxylic acids, aromatic, sulpho-.  
T as mothproofing agent. 1179, 1335P.
- 258-551-681-951-980-1003.  
1-Propanesulfonic acid, 3-anilino-2-hydroxy-, montanic acid ester;  $C_{26}H_{47}COOCH(CH_2SO_3H)CH_2NHC_6H_5$ . (1-Propanesulfonic acid, 2-hydroxy-3-phenylimido montanic acid ester). 358P, 1178.
- 258-551-861-983-1011-1246.  
Isethionie acid, fluorostearic acid ester, salts;  $FC_{17}H_{33}COOCH_2CH_2SO_3M$ . (Salts of monofluorostearic acid esters of hydroxyethanesulfonic acid). 345P.
- 258-551-980-1003-1218.  
1-Propanesulfonic acid, 3-hydroxy-, montanic acid ester, sodium salt;  $NaSO_3CH_2CH_2COOCC_6H_5$ . (Montanic acid ester of Na 1-hydroxy propane-3-sulfonate). 358P.
- 258-551-984-1011-1030-1218.  
Isethionie acid, oleic acid ester, sodium salt;  $C_{18}H_{37}CH_2CH(CH_2)COOCH_2CH_2SO_3Na$ . (Oleic acid, sodium isethionate ester). 179, 1432.
- 258-551-1045.  
Carboxylic acids, sulpho-, esters.  
T as mothproofing agent. 550P, 1170, 1336P.
- 258-552-852-953-1022-1246.  
Phthalic acid, sulfo-, di-*p*-chlorophenyl ester, salt, CU;  $MO_2SC_6H_4(COOC_6H_3Cl)_2$ .  
T as mothproofing agent. 550P, 1179.
- 258-552-924-1000-1022.  
Naphthalic acid, 2-sulfo-, diamyl ester;  $HO_2SC_{10}H_7(COOC_5H_{11})_2$ .  
T as mothproofing agent. 1179, 1335P, 1336P.
- 258-552-951-962-1024.  
Phthalic acid, sulfo-, bis(methylcyclohexyl) ester, CU;  $HO_2SC_6H_4(COOC_6H_{10}CH_3)_2$ . (Phthalic acid, sulpho-, methylhexaline ester).  
T as mothproofing agent. 1179, 1335P, 1336P.
- 258-552-951-983-985-1022.  
Phthalic acid, sulfo-, mixed cetyl and octadecyl ester, CU;  $HO_2SC_6H_4(COOC_{18}H_{37})COOC_{16}H_{33}$ . (Phthalic acid, sulpho-, mixed stearyl and cetyl esters).  
T as mothproofing agent. 1179, 1335P, 1336P.
- 258-552-951-983-1022-1246.  
Phthalic acid, sulfo-, dioctadecyl ester, salt, CU;  $MO_2SC_6H_4(COOC_{18}H_{37})_2$ . (Phthalic acid, sulpho-, stearyl ester-salt).  
T as mothproofing agent. 550P, 1179, 1335P, 1336P.
- 258-552-951-985-1022-1246.  
Phthalic acid, sulfo-, diethyl ester, salt, CU;  $MO_2SC_6H_4(COOC_2H_5)_2$ . (Phthalic acid, sulpho-, palmityl ester-salt).  
T as mothproofing agent. 550P, 1179, 1335P, 1336P.
- 258-552-951-994-1022.  
Phthalic acid, sulfo-, di-*sec*-octyl ester, CU;  $HO_2SC_6H_4(COOC_8H_{17})_2$ .  
T as mothproofing agent. 1179, 1335P, 1336P.
- 258-552-951-1000-1022.  
Phthalic acid, sulfo-, diamyl ester, CU;  $HO_2SC_6H_4(COOC_5H_{11})_2$ .  
T as mothproofing agent. 550P, 1179, 1335P, 1336P.
- 258-552-951-1000-1022.  
Terephthalic acid, sulfo-, diamyl ester;  $HO_2SC_6H_4(COOC_5H_{11})_2$ .  
T as mothproofing agent. 1179, 1335P, 1336P.
- 258-552-951-1002-1022.  
Phthalic acid, sulfo-, dibutyl ester, CU;  $HO_2SC_6H_4(COOC_4H_9)_2$ .  
T as mothproofing agent. 1179, 1335P, 1336P.
- 258-552-951-1022-1045.  
Phthalic acid, sulfo-, diester, CU;  $HO_2SC_6H_4(COOR)_2$ .  
T as mothproofing agent. 1179, 1335P, 1336P.
- 258-552-953-1024-1246.  
Phthalic acid, sulfo-, di-*p*-tolyl ester, salt, CU;  $MO_2SC_6H_4(COOC_6H_4CH_3)_2$ . (Phthalic acid, sulpho-, *p*-cresyl ester, salt).  
T as mothproofing agent. 1179, 1335P, 1336P.
- 258-561-851-951-1021.  
Benzenesulfonic acid, 4-chloro-2-formyl-,  $HO_2SC_6H_4(Cl)CHO$ . (Benzaldehyde, 2-sulphonic acid, 5-chloro-, 5-chloro-2-sulphobenzaldehyde).  
T as mothproofing agent. 417P, 1175.
- 258-561-851-951-1021.  
Benzenesulfonic acid, 4-chloro-3-formyl-,  $HO_2SC_6H_4(Cl)CHO$ . (Benzaldehyde, 2-chloro-5-sulphonic acid; 2-chloro-5-sulphobenzaldehyde).  
T as mothproofing agent. 402P, 469P, 1175, 1176.
- 258-561-851-951-1021.  
Benzenesulfonic acid, 5-chloro-2-formyl-,  $HO_2SC_6H_4(Cl)CHO$ . (Benzaldehyde, 4-chloro-2-sulphonic acid; 4-chloro-2-sulphobenzaldehyde).  
T as mothproofing agent. 417P, 1175.
- 258-561-951-1021.  
Benzenesulfonic acid, *m*-formyl-,  $HO_2SC_6H_4CHO$ . (Benzaldehyde, 3-sulphonic acid, *m*-sulphobenzaldehyde).  
T as mothproofing agent. 402P, 469P, 1175, 1176.
- 258-561-951-1021.  
Benzenesulfonic acid, *o*-formyl-,  $HO_2SC_6H_4CHO$ . (Benzaldehyde, 2-sulphonic acid; *o*-sulphobenzaldehyde orthosulphonic acid).  
T as mothproofing agent. 94P, 398P, 402P, 469P, 1175, 1176, 1465P.
- 258-561-951-1021.  
Benzenesulfonic acid, *p*-formyl-,  $HO_2SC_6H_4CHO$ . (Benzaldehyde, 4-sulphonic acid; *p*-sulphobenzaldehyde).  
T as mothproofing agent. 436P, 1175.
- 258-561-1045.  
Aldehydes, sulfo-, CU. (Aldehyde sulphonic acids).  
T as mothproofing agent. 410P, 1175.
- 258-571-582-681-904-999-1011-1022-1218.  
Taurocholic acid, sodium salt;  $C_{26}H_{45}O_7NS$ .  
T as mothproofing agent. 535P, 945P, 1176, 1179.
- 258-572-740-950-1030-1218.  
Indigo carmine;  $[NaSO_3C_6H_4(NH)(CO) \cdot C]_2$ . (5, 5'-Indigotindisulfonic acid, disodium salt; soluble indigo).  
NT mosquito larvae. 487.

- 258-581-665-730-950-951.  
Benzenesulfonic acid, *p*-(8-hydroxy-5-quinolyazo)-;  $\text{HO}_2\text{SC}_6\text{H}_4\text{N}_2\text{N}(\text{C}_6\text{H}_5)_2\text{OH}$ . (Benzene-1-sulphonic acid-(4-azo-5)-8-hydroxy quinoline).  
ST greenhouse red spider at 2% and NT at 1%.  
1481.
- 258-581-665-924-951-1218.  
Orange G;  $\text{C}_6\text{H}_5\text{N}_2\text{NC}_6\text{H}_4(\text{OH})(\text{SO}_3\text{Na})_2$ .  
T *Lucilia cuprina* larvae. 849.
- 258-581-665-952-1218.  
Benzenesulfonic acid, *p*-(*p*-hydroxyphenylazo)-, sodium salt;  $\text{HOC}_6\text{H}_4\text{N}_2\text{NC}_6\text{H}_4\text{SO}_3\text{Na}$ . (Sodium *p*-hydroxy-azobenzene-*p'*-sulfonate).  
ST screwworms at 0.67% and ST greenhouse red spider at 2%. 156, 1481.
- 258-581-671-924.  
1-Naphthol-3, 6-disulfonic acid, 8-amino-;  $\text{H}_2\text{N}(\text{OH})\text{C}_{10}\text{H}_6(\text{SO}_3\text{H})_2$ . (H acid).  
HT *Aphis rumicis*. 1152, 1178.
- 258-581-671-951.  
1-Phenol-4-sulfonic acid, 3-amino-;  $\text{NH}_2(\text{OH})-\text{C}_6\text{H}_4\text{SO}_3\text{H}$ . (1-Amino-3-hydroxybenzene-6-sulfonic acid). 353P.
- 258-581-671-951.  
Phenolsulfonic acids, amino-;  $\text{HO}(\text{NH}_2)\text{C}_6\text{H}_4\text{SO}_3\text{H}$ .  
T as mothproofing agent. 331P, 1176.
- 258-581-671-952-1021.  
*p*-Toluenesulfonic acid, *o*-aminophenol salt;  $\text{CH}_3\text{C}_6\text{H}_4\text{SO}_3\text{H} \cdot \text{NH}_2\text{C}_6\text{H}_4\text{OH}$ . (*o*-Aminophenol *p*-toluene sulfonate; aniline, *o*-hydroxy-, *p*-toluene sulfonate).  
NT mosquito larvae. 172, 1178.
- 258-581-730-871-950-1110.  
5-Quinolinesulfonic acid, 8-hydroxy-7-iodo-, anti-mony salt;  $[\text{C}_6\text{H}_4\text{N}(\text{OH})(\text{I})\text{SO}_3]_2\text{Sb}$ . 110, 1348P.
- 258-581-730-871-950-1142.  
5-Quinolinesulfonic acid, 8-hydroxy-7-iodo-, copper salt;  $[\text{C}_6\text{H}_4\text{N}(\text{OH})(\text{I})\text{SO}_3]_2\text{Cu}$ . 110, 1348P.
- 258-581-730-871-950-1162.  
5-Quinolinesulfonic acid, 8-hydroxy-7-iodo-, iron salt;  $[\text{C}_6\text{H}_4\text{N}(\text{OH})(\text{I})\text{SO}_3]_2\text{Fe}$ . 110, 1348P.
- 258-581-730-871-950-1166.  
5-Quinolinesulfonic acid, 8-hydroxy-7-iodo-, lead salt;  $[\text{C}_6\text{H}_4\text{N}(\text{OH})(\text{I})\text{SO}_3]_2\text{Pb}$ . 110, 1348P.
- 258-581-730-871-950-1176.  
5-Quinolinesulfonic acid, 8-hydroxy-7-iodo-, mercury salt;  $[\text{C}_6\text{H}_4\text{N}(\text{OH})(\text{I})\text{SO}_3]_2\text{Hg}$ . 110, 1348P.
- 258-581-730-871-950-1182.  
5-Quinolinesulfonic acid, 8-hydroxy-7-iodo-, nickel salt;  $[\text{C}_6\text{H}_4\text{N}(\text{OH})(\text{I})\text{SO}_3]_2\text{Ni}$ . 110, 1348P.
- 258-581-730-871-950-1216.  
5-Quinolinesulfonic acid, 8-hydroxy-7-iodo-, silver salt;  $\text{C}_6\text{H}_4\text{N}(\text{OH})(\text{I})\text{SO}_3\text{Ag}$ . 110, 1348P.
- 258-581-730-871-950-1234.  
5-Quinolinesulfonic acid, 8-hydroxy-7-iodo-, tin salt;  $[\text{C}_6\text{H}_4\text{N}(\text{OH})(\text{I})\text{SO}_3]_2\text{Sn}$ . 110, 1348P.
- 258-581-730-871-950-1244.  
5-Quinolinesulfonic acid, 8-hydroxy-7-iodo-, zinc salt;  $[\text{C}_6\text{H}_4\text{N}(\text{OH})(\text{I})\text{SO}_3]_2\text{Zn}$ . 110, 1348P.
- 258-581-851-951.  
1-Phenol-2-sulfonic acid, 4-chloro-;  $\text{HOC}_6\text{H}_3(\text{Cl})\text{SO}_3\text{H}$ . (*o*-Phenolsulphonic acid, 4-chloro-; 2-sulpho-4-chloro-phenol).  
T as mothproofing agent. 413P, 1175.
- 258-581-851-952-1021.  
*p*-Toluenesulfonic acid, *a*-(5-chloro-2-hydroxyphenyl)-;  $\text{CH}_3(\text{ClC}_6\text{H}_3(\text{OH}))\text{C}_6\text{H}_4\text{SO}_3\text{H}$ . (Methane, 5-chloro-2-hydroxy-4'-sulphodiphenyl-).  
T as mothproofing agent. 1179, 1456P.
- 258-581-852-952-1022.  
*p*-Toluenesulfonic acid, *a*-(4, 6-dichloro-*o*-tolyl)-*a*-hydroxy-;  $\text{HO}_2\text{SC}_6\text{H}_3(\text{Cl})_2\text{CH}_2\text{CH}_2\text{C}_6\text{H}_4\text{SO}_3\text{H}$ . (Carbinol, dichloromethylsulphodiphenyl-).  
T as mothproofing agent. 1179, 1454P.
- 258-581-855-952-1021.  
Toluenesulfonic acid, chlorohydroxy-*a*-tetrachlorophenyl-, CU;  $\text{HO}_2\text{S}(\text{Cl})(\text{OH})\text{C}_6\text{H}_2\text{CH}_2\text{C}_6\text{HCl}_4$ . (Methane, pentachlorohydroxyulphodiphenyl-).  
T as mothproofing agent. 1179, 1394P.
- 258-581-924.  
1-Naphthol-3, 6-disulfonic acid;  $\text{HOC}_{10}\text{H}_6(\text{SO}_3\text{H})_2$ .  
T *Aphis rumicis*. 1152, 1178.
- 258-581-924.  
1-Naphthol, 3, 6, 8-trisulfonic acid;  $(\text{HSO}_3)_3\text{C}_{10}\text{H}_6\text{OH}$ .  
T *Aphis rumicis*. 1152.
- 258-581-924-954-1021-1193.  
Phosphonium 1-naphthol-5, 7-disulphonate, benzyl-triphenyl-;  $[(\text{C}_6\text{H}_5\text{CH}_2)(\text{C}_6\text{H}_5)_2\text{P}]_2(\text{SO}_3)_2\text{C}_{10}\text{H}_6\text{OH}$ .  
T as mothproofing agent. 871P, 1179.
- 258-581-924-1218.  
1-Naphthol-4-sulfonic acid, sodium salt;  $\text{HOC}_{10}\text{H}_6\text{SO}_3\text{Na}$ .  
T Japanese beetle larvae. 494, 1178.
- 258-581-924-1218.  
2-Naphthol-6-sulfonic acid, sodium salt;  $\text{HOC}_{10}\text{H}_6\text{SO}_3\text{Na}$ .  
HT *Aphis rumicis*. 1152, 1178.
- 258-581-924-1218.  
2-Naphthol-8, 8-disulfonic acid, disodium salt;  $\text{HOC}_{10}\text{H}_6(\text{SO}_3\text{Na})_2$ .  
HT *Aphis rumicis*. 1152, 1178.
- 258-581-951.  
1-Phenol-4-sulfonic acid;  $\text{HOC}_6\text{H}_4\text{SO}_3\text{H}$ . (Phenol para-sulphonic acid).  
T as mothproofing agent. 329P, 1176.
- 258-581-951.  
Phenolsulfonic acids, CU;  $\text{HOC}_6\text{H}_4\text{SO}_3\text{H}$ .  
T *Lucilia cuprina* larvae and as mothproofing agent. 331P, 413P, 849, 1175, 1176.
- 258-581-951-1021-1114.  
Toluenesulfonic acid, hydroxy-, barium salt, CU;  $[\text{HOC}_6\text{H}_3(\text{CH}_3)\text{SO}_3]_2\text{Ba}$ . (Barium *o*-cresolsulfonic acid).  
NT *Pieris rapae*. 635.
- 258-581-951-1021-1166.  
Toluenesulfonic acid, hydroxy-, lead salt, CU;  $[\text{HOC}_6\text{H}_3(\text{CH}_3)\text{SO}_3]_2\text{Pb}$ . (Lead *o*-cresolsulfonic acid).  
NT *Pieris rapae*. 635.
- 258-581-951-1021-1176.  
Toluenesulfonic acid, hydroxy-, mercury salt, CU;  $[\text{HOC}_6\text{H}_3(\text{CH}_3)\text{SO}_3]_2\text{Hg}$ . (Mercury *m*-cresolsulfonic acid).  
ST *Pieris rapae*. 635.
- 258-581-951-1021-1176.  
Toluenesulfonic acid, hydroxy-, mercury salt, CU;  $[\text{HOC}_6\text{H}_3(\text{CH}_3)\text{SO}_3]_2\text{Hg}$ . (Mercury *o*-cresolsulfonic acid).  
NT *Pieris rapae*. 635.
- 258-581-951-1021-1176.  
Toluenesulfonic acid, hydroxy-, mercury salt, CU;  $[\text{HOC}_6\text{H}_3(\text{CH}_3)\text{SO}_3]_2\text{Hg}$ . (Mercury *p*-cresolsulfonic acid).  
NT *Pieris rapae*. 635.
- 258-581-951-1021-1218.  
Toluenesulfonic acid, hydroxy-, sodium salt, CU;  $\text{HOC}_6\text{H}_3(\text{CH}_3)\text{SO}_3\text{Na}$ . (Sodium *o*-cresolsulfonic acid).  
NT *Pieris rapae*. 635.
- 258-581-951-1021-1244.  
Toluenesulfonic acid, hydroxy-, zinc salt, CU;  $[\text{HOC}_6\text{H}_3(\text{CH}_3)\text{SO}_3]_2\text{Zn}$ . (Zinc *m*-cresolsulfonic acid).  
NT *Pieris rapae*. 635.
- 258-581-951-1021-1244.  
Toluenesulfonic acid, hydroxy-, zinc salt, CU;  $[\text{HOC}_6\text{H}_3(\text{CH}_3)\text{SO}_3]_2\text{Zn}$ . (Zinc *p*-cresolsulfonic acid).  
NT *Pieris rapae*. 635.
- 258-581-951-1166.  
Phenolsulfonic acid, lead salt, CU;  $(\text{HOC}_6\text{H}_4\text{SO}_3)_2\text{Pb}$ . (Lead phenolsulfonic acid).  
NT *Pieris rapae*. 635.
- 258-581-951-1218.  
Phenolsulphonic acid, sodium salt, CU;  $\text{C}_6\text{H}_4\text{OHSO}_3\text{Na}$ .  
HT *Aphis rumicis*; NT *Melanoplus m. mexicanus*. 1150, 1152.
- 258-581-951-1244.  
Phenolsulfonic acid, zinc salt, CU;  $(\text{HOC}_6\text{H}_4\text{SO}_3)_2\text{Zn}$ .  
NT *Pieris rapae*. 635.
- 258-581-951-1312.  
1-Phenol-4-sulfonic acid, compound with hydrofluoric

- acid;  $\text{HO}(\text{C}_6\text{H}_4)_2\text{SO}_3\text{H}\cdot\text{HF}$ ? (*p*-Phenolsulfonic acid hydrofluoride).  
 T as mothproofing agent. 642P, 1175.
- 258-581-952-1001-1218.  
 Biphenylsulfonic acid, butylhydroxy-, sodium salt, CU;  $\text{C}_6\text{H}_5\text{C}_6\text{H}_4\text{SO}_3\text{Na}$ ? (Sulfonic acid, butylphenylphenol-, sodium salt; "Areskap"). 54, 662, 1168, 1415, 1432.
- 258-581-952-1027.  
 Biphenylsulfonic acid, alkylhydroxy-, CU;  $\text{HO}(\text{R})-\text{C}_6\text{H}_4\text{C}_6\text{H}_4\text{SO}_3\text{H}$ . (Free acids of alkyl hydroxy-diphenyl sulfonates). 499P.
- 258-581-952-1027-1045-1109.  
 Biphenylsulfonic acid, alkylhydroxy-, organic ammonium salts, CU;  $\text{HO}(\text{R})\text{C}_6\text{H}_4\text{C}_6\text{H}_4\text{SO}_3\text{NRm}$ . (Organic ammonium salts of alkyl hydroxy-diphenyl sulfonates). 499P.
- 258-581-952-1027-1109.  
 Biphenylsulfonic acid, alkylhydroxy-, ammonium salts, CU;  $\text{RC}_6\text{H}_4(\text{OH})\text{C}_6\text{H}_4\text{SO}_3\text{NH}_4$ . (Ammonium salts of alkyl hydroxy-diphenyl sulfonates). 499P.
- 258-581-952-1027-1246.  
 Biphenylsulfonic acid, alkylhydroxy-, metal salts, CU;  $\text{RC}_6\text{H}_4(\text{OH})\text{C}_6\text{H}_4\text{SO}_3\text{M}$ . (Metal salts of alkyl hydroxy-diphenyl sulfonates). 499P.
- 258-581-975-1021.  
 Methanol, di- or triaryl-, sulfonated.  
 T as mothproofing agent. 444P, 452P, 460P, 1179.
- 258-582-665-952.  
 Benzenesulfonic acid, *p*-(2, 4-dihydroxyphenylazo)-;  $(\text{HO})_2\text{C}_6\text{H}_3\text{N}:\text{NC}_6\text{H}_4\text{SO}_3\text{H}$ . (2, 4-Dihydroxy azobenzene sulfonic acid-(4')).  
 ST greenhouse red spider at 2% and 1%; NT screwworms. 156, 1481.
- 258-582-842-953-1021.  
*o*-Toluenesulfonic acid,  $\alpha,\alpha$ -bis(5-bromo-2-hydroxyphenyl)-;  $\text{CH}(\text{C}_6\text{H}_3(\text{Br})_2\text{OH})_2\text{C}_6\text{H}_4\text{SO}_3\text{H}$ . (Methane, 2, 2'-dihydroxy-5, 5'-dibromo-2''-sulphotriphenyl; 2, 2'-dioxy-5, 5'-dibromo-2''-sulphotriphenylmethane).  
 T as mothproofing agent. 434P, 1175, 1465P.
- 258-582-843-952-1021.  
*p*-Toluenesulfonic acid,  $\alpha$ -hydroxy- $\alpha$ -(3-hydroxy-2, 4, 6-tribromophenyl)-;  $\text{HO}(\text{SC}_6\text{H}_4\text{CH}(\text{OH})\text{C}_6\text{H}_3(\text{Br})_3)\text{OH}$ . (Carbinol, 2, 4, 6, 6-tribromo-3-hydroxy-4'-sulphodiphenyl-).  
 T as mothproofing agent. 439P, 1179.
- 258-582-852-952-1021.  
 Methanedisulfonic acid, bis(chlorohydroxyphenyl)-, CU;  $\text{C}(\text{C}_6\text{H}_3(\text{Cl})\text{OH})_2(\text{SO}_3\text{H})_2$ . (Methane, dichlorodihydroxy-diphenyl, disulfonic acid).  
 T as mothproofing agent. 415P, 1175.
- 258-582-852-953-1021.  
*m*-Toluenesulfonic acid,  $\alpha,\alpha$ -bis(5-chloro-2-hydroxyphenyl)-;  $\text{CH}(\text{ClC}_6\text{H}_4\text{OH})_2\text{C}_6\text{H}_4\text{SO}_3\text{H}$ . (Methane, bis(5-chloro-2-hydroxyphenyl)-3'-sulphophenyl).  
 T as mothproofing agent. 458, 1179.
- 258-582-852-953-1021.  
*o*-Toluenesulfonic acid,  $\alpha,\alpha$ -bis(5-chloro-2-hydroxyphenyl)-;  $\text{CH}(\text{ClC}_6\text{H}_4\text{OH})_2\text{C}_6\text{H}_4\text{SO}_3\text{H}$ . (Methane, 2, 2'-dihydroxy-5, 5'-dichloro-2''-sulphotriphenyl; 2, 2'-dioxy-5, 5'-dichloro-2''-sulphotriphenylmethane).  
 T as mothproofing agent. 434P, 458P, 1175, 1179, 1465P, 1467P.
- 258-582-852-953-1021.  
*o*-Toluenesulfonic acid,  $\alpha,\alpha$ -bis(6-chloro-2-hydroxyphenyl)-;  $\text{CH}(\text{ClC}_6\text{H}_4\text{OH})_2\text{C}_6\text{H}_4\text{SO}_3\text{H}$ . (Methane, bis(6-chloro-2-hydroxyphenyl)-2'-sulphophenyl).  
 T as mothproofing agent. 438P, 1179.
- 258-582-852-953-1023.  
*o*-Toluenesulfonic acid,  $\alpha,\alpha$ -bis(chlorohydroxytolyl)-, CU;  $\text{CH}(\text{C}_6\text{H}_4(\text{Cl})(\text{CH}_3)\text{OH})_2\text{C}_6\text{H}_4\text{SO}_3\text{H}$ . (Methane, dimethyl-dihydroxy-dichloro-2''-sulphotriphenyl; dimethyldioxydichloro-2''-sulphotriphenylmethane).  
 T as mothproofing agent. 1175, 1465P.
- 258-582-852-953-1023.  
*o*-Toluenesulfonic acid,  $\alpha,\alpha$ -bis(5-chloro-2-hydroxy-*m*-tolyl)-;  $\text{CH}(\text{C}_6\text{H}_3(\text{Cl})(\text{CH}_3)\text{OH})_2\text{C}_6\text{H}_4\text{SO}_3\text{H}$ . (Methane, 3, 3'-dimethyl-2, 2'-dihydroxy-5, 5'-dichloro-2''-sulphotriphenyl; 3, 3'-dimethyl-2, 2'-dioxy-5, 5'-dichloro-2''-sulphotriphenylmethane).  
 T as mothproofing agent. 434P, 1175, 1465P.
- 258-582-852-953-1023.  
*o*-Toluenesulfonic acid,  $\alpha,\alpha$ -bis(5-chloro-6-hydroxy-*m*-tolyl)-;  $\text{CH}(\text{ClC}_6\text{H}_3(\text{CH}_3)\text{OH})_2\text{C}_6\text{H}_4\text{SO}_3\text{H}$ . (Me-
- thane, bis(3-chloro-2-hydroxy-5-methylphenyl)-2'-sulphophenyl-).  
 T as mothproofing agent. 438P, 442P, 1175, 1179, 1457P, 1460P.
- 258-582-853-952-1021.  
 Toluenesulfonic acids,  $\alpha$ -dihydroxytrichlorophenyl-, CU. (Methane, trichlorodihydroxydiphenyl-, sulphonated).  
 T as mothproofing agent. 452P, 1179.
- 258-582-853-952-1021.  
*o*-Toluenesulfonic acid,  $\alpha$ -hydroxy- $\alpha$ -(3-hydroxy-2, 4, 6-trichlorophenyl)-;  $\text{HO}(\text{SC}_6\text{H}_3(\text{Cl})_3\text{CH}(\text{OH})\text{C}_6\text{H}_4(\text{Cl})_3)\text{OH}$ . (Carbinol, 2, 4, 6-trichloro-3-hydroxy-2'-sulphodiphenyl-).  
 T as mothproofing agent. 439P, 1179, 1454P.
- 258-582-853-952-1021.  
*p*-Toluenesulfonic acid,  $\alpha$ -hydroxy- $\alpha$ -(3-hydroxy-2, 4, 6-trichlorophenyl)-;  $\text{HO}(\text{SC}_6\text{H}_3(\text{Cl})_3\text{CH}(\text{OH})\text{C}_6\text{H}_4(\text{Cl})_3)\text{OH}$ . (Carbinol, 2, 4, 6-trichloro-3-hydroxy-4'-sulphodiphenyl-).  
 T as mothproofing agent. 439P, 1179, 1454P.
- 258-582-853-952-1022.  
*p*-Toluenesulfonic acid,  $\alpha$ -hydroxy- $\alpha$ -(5-hydroxy-2, 4, 6-trichloro-*m*-tolyl)-;  $\text{HO}(\text{SC}_6\text{H}_3(\text{Cl})_3\text{CH}(\text{OH})\text{C}_6\text{H}_4(\text{Cl})_3)\text{OH}$ . (Carbinol, 2, 4, 6-trichloro-3-hydroxy-5-methyl-4'-sulphodiphenyl-).  
 T as mothproofing agent. 439P, 1179, 1454P.
- 258-582-853-953-1021.  
*m*-Toluenesulfonic acid, 6-chloro- $\alpha,\alpha$ -bis(5-chloro-2-hydroxyphenyl)-;  $\text{CH}(\text{ClC}_6\text{H}_3(\text{Cl})_2\text{OH})_2\text{C}_6\text{H}_4\text{SO}_3\text{H}$ . (Methane, bis(5-chloro-2-hydroxyphenyl)-6'-chloro-3'-sulphophenyl-).  
 T as mothproofing agent. 458P, 1179.
- 258-582-853-953-1021.  
 Toluenesulfonic acid,  $\alpha,\alpha$ -dihydroxytrichlorodiphenyl-, CU. (Methane, trichlorodihydroxydiphenyl-).  
 T as mothproofing agent. 402P, 410P, 450P, 1175, 1179.
- 258-582-853-953-1021.  
*o*-Toluenesulfonic acid,  $\alpha$ -(5-chloro-2-hydroxyphenyl)- $\alpha$ -(3, 5-dichloro-2-hydroxyphenyl)-;  $\text{Cl}_2(\text{OH})\text{C}_6\text{H}_3(\text{Cl})(\text{CH}(\text{OH})\text{C}_6\text{H}_4\text{SO}_3\text{H})_2\text{C}_6\text{H}_4\text{SO}_3\text{H}$ . (Methane, 3, 5, 5'-trichloro-2, 2'-dihydroxy-2''-sulphotriphenyl; 2, 2'-dihydroxy-3, 5, 5'-trichlorotriphenylmethane-2''-sulphonic acid).  
 T as mothproofing agent. 1179, 1468P.
- 258-582-853-953-1021.  
 Methane, sulphonic acid, dihydroxytrichlorotriphenyl, CU.  
 T as mothproofing agent. 1175, 1463P.
- 258-582-854-952-1021.  
 Methanesulfonic acid, bis(dichlorohydroxyphenyl)-, CU. (Methane, bis(dichlorohydroxyphenyl)-, sulphonated).  
 T as mothproofing agent. 452P, 1179.
- 258-582-854-953-1021.  
*o*-Toluenesulfonic acid,  $\alpha,\alpha$ -bis(3, 5-dichloro-2-hydroxyphenyl)-;  $\text{CH}(\text{C}_6\text{H}_3(\text{Cl})_2\text{OH})_2\text{C}_6\text{H}_4\text{SO}_3\text{H}$ . (Methane, 2, 2'-dihydroxy-3, 3', 5, 5'-tetrachloro-2''-sulphotriphenyl).  
 T as mothproofing agent. 434P, 449P, 450P, 1175, 1179, 1465P, 1468P.
- 258-582-854-953-1021.  
*p*-Toluenesulfonic acid,  $\alpha,\alpha$ -bis(3, 5-dichloro-2-hydroxyphenyl)-;  $\text{CH}(\text{C}_6\text{H}_3(\text{Cl})_2\text{OH})_2\text{C}_6\text{H}_4\text{SO}_3\text{H}$ . (Methane, 2, 2'-dihydroxy-3, 3', 5, 5'-tetrachloro-4''-sulphotriphenyl; 2, 2'-dioxy-3, 3', 5, 5'-tetrachloro-4''-sulphotriphenylmethane).  
 T as mothproofing agent. 1175, 1465P.
- 258-582-854-953-1021.  
*p*-Toluenesulfonic acid,  $\alpha$ -(5-chloro-2-hydroxyphenyl)- $\alpha$ -(3-hydroxy-2, 4, 6-trichlorophenyl)-;  $\text{CH}(\text{C}_6\text{H}_3(\text{Cl})_3\text{OH})_2\text{C}_6\text{H}_4\text{SO}_3\text{H}$ . (Methane, 2, 4, 6, 5'-tetrachloro-3, 2'-dihydroxy-4''-sulphotriphenyl; 3, 2'-dihydroxy-2, 4, 6, 5'-tetrachlorotriphenylmethane-4''-sulphonic acid).  
 T as mothproofing agent. 439P, 1179, 1453P, 1454P.
- 258-582-854-953-1023.  
*o*-Toluenesulfonic acid,  $\alpha,\alpha$ -bis(4-chloro-2-hydroxy-*m*-tolyl)-;  $\text{CH}(\text{C}_6\text{H}_3(\text{CH}_3)(\text{Cl})\text{OH})_2\text{C}_6\text{H}_4\text{SO}_3\text{H}$ . (Methane, 2, 2'-dihydroxy-3, 3'-dimethyl-4, 4'-dichloro-2''-sulphotriphenyl; 2, 2'-dichloro-3, 3'-dimethyl-6, 6'-dioxy-2''-sulphotriphenylmethane).  
 T as mothproofing agent. 1175, 1457P.

258-582-854-953-1023.

*o*-Toluenesulfonic acid,  $\alpha,\alpha$ -bis(5-chloro-2-hydroxy-*p*-tolyl)-;  $\text{CH}(\text{C}_6\text{H}_4(\text{CH}_3)(\text{Cl})\text{OH})_2\text{C}_6\text{H}_4\text{SO}_3\text{H}$ . (Methane, 2, 2'-dihydroxy-4, 4'-dimethyl-5, 5'-dichloro-2''-sulphotriphenyl; 2, 2'-dioxy-4, 4'-dimethyl-5, 5'-dichloro-2''-sulphotriphenylmethane).

T as mothproofing agent. 434P, 1175.

258-582-854-953-1023.  
*p*-Toluenesulfonic acid,  $\alpha,\alpha$ -bis(4, 6-dichloro-3-hydroxy-*o*-tolyl)-;  $\text{CH}(\text{Cl}_2\text{C}_6\text{H}_3(\text{CH}_3)\text{OH})_2\text{C}_6\text{H}_4\text{SO}_3\text{H}$ . (Methane, bis(4, 6-dichloro-3-hydroxy-2-methylphenyl)-4''-sulphophenyl; 3, 3'-dihydroxy-2, 2'-dimethyl-4, 4', 6, 6'-tetrachlorotriphenylmethane-4''-sulphonic acid).

T as mothproofing agent. 439P, 1179, 1453P, 1454P.

258-582-855-953-1021.  
*o*-Toluenesulfonic acid, 4-chloro- $\alpha,\alpha$ -bis(3, 5-dichloro-2-hydroxyphenyl)-;  $\text{CH}(\text{C}_6\text{H}_3(\text{Cl})_2\text{OH})_2\text{C}_6\text{H}_4\text{SO}_3\text{H}$ . (Methane, 2, 2'-dihydroxy-3, 3', 5, 5'-tetrachloro-5''-chloro-2''-sulphotriphenyl; 2, 2'-dioxy-3, 3', 5, 5'-tetrachloro-5''-chloro-2''-sulphotriphenylmethane).

T as mothproofing agent. 1175, 1465P.

258-582-855-953-1021.  
*o*-Toluenesulfonic acid, 5-chloro- $\alpha,\alpha$ -bis(3, 5-dichloro-2-hydroxyphenyl)-;  $\text{CH}(\text{C}_6\text{H}_3(\text{Cl})_2\text{OH})_2\text{C}_6\text{H}_4\text{SO}_3\text{H}$ . (Methane, 2, 2'-dihydroxy-3, 3', 5, 5'-tetrachloro-4''-chloro-2''-sulphotriphenyl; 2, 2'-dioxy-3, 3', 5, 5'-tetrachloro-4''-chloro-2''-sulphotriphenylmethane).

T as mothproofing agent. 1175, 1465P.

258-582-855-953-1021.  
*o*-Toluenesulfonic acid,  $\alpha$ -(3, 5-dichloro-2-hydroxyphenyl)- $\alpha$ -(2-hydroxy-3, 5, 6-trichlorophenyl)-;  $\text{CH}(\text{Cl}_2\text{C}_6\text{H}_3(\text{OH})(\text{Cl})\text{C}_6\text{H}_4\text{OH})\text{C}_6\text{H}_4\text{SO}_3\text{H}$ . (Methane, 3, 5, 6, 3', 5'-pentachloro-2, 2'-dihydroxy-2''-sulphotriphenyl; 2, 2'-dihydroxy-3, 3', 5, 5', 6-pentachlorotriphenylmethane-2''-sulphonic acid).

T as mothproofing agent. 1179, 1468P.

258-582-855-953-1021.  
*p*-Toluenesulfonic acid,  $\alpha$ -(3, 5-dichloro-2-hydroxyphenyl)- $\alpha$ -(3-hydroxy-2, 4, 6-trichlorophenyl)-;  $\text{CH}(\text{Cl}_2\text{C}_6\text{H}_3(\text{OH})(\text{Cl})\text{C}_6\text{H}_4\text{OH})\text{C}_6\text{H}_4\text{SO}_3\text{H}$ . (Methane, 2, 4, 6, 3', 5'-pentachloro-2, 2'-dihydroxy-4''-sulphotriphenyl; 3, 2'-dihydroxy-2, 4, 6, 3', 5'-pentachlorotriphenylmethane-4''-sulphonic acid).

T as mothproofing agent. 439P, 1179, 1453P, 1454P.

258-582-855-953-1021.  
Toluenesulfonic acid,  $\alpha$ -dihydroxypentachlorodiphenyl-, CU. (Methane, pentachloro-dihydroxytriphenyl sulphonic acid).

T as mothproofing agent. 410P, 450P, 1175, 1179, 1463P.

258-582-856-953-1021.  
*p*-Toluenesulfonic acid,  $\alpha,\alpha$ -bis(3-hydroxy-2, 4, 6-trichlorophenyl)-;  $\text{CH}(\text{Cl}_2\text{C}_6\text{H}_3(\text{OH}))_2\text{C}_6\text{H}_4\text{SO}_3\text{H}$ . (Methane, bis(2, 4, 6-trichloro-3-hydroxyphenyl)-4''-sulphophenyl; 3, 3'-dihydroxy-2, 2', 4, 4', 6, 6'-hexachlorotriphenylmethane-4''-sulphonic acid).

T as mothproofing agent. 439P, 1179, 1453P, 1454P.

258-582-856-953-1023.  
*p*-Toluenesulfonic acid, bis(5-hydroxy-2, 4, 6-trichloro-*m*-tolyl)-;  $\text{CH}(\text{Cl}_2\text{C}_6\text{H}_3(\text{CH}_3)\text{OH})_2\text{C}_6\text{H}_4\text{SO}_3\text{H}$ . (Methane, bis(2, 4, 6-trichloro-3-hydroxy-5-methylphenyl)-4''-sulphophenyl; 3, 3'-dihydroxy-5, 5'-dimethyl-2, 2', 4, 4', 6, 6'-hexachlorotriphenylmethane-4''-sulphonic acid).

T as mothproofing agent. 439P, 1179, 1453P, 1454P.

258-582-857-953-1021.  
*m*-Toluenesulfonic acid, 4-chloro- $\alpha,\alpha$ -bis(3-hydroxy-2, 4, 6-trichlorophenyl)-;  $\text{CH}(\text{Cl}_2\text{C}_6\text{H}_3(\text{OH}))_2\text{C}_6\text{H}_4\text{SO}_3\text{H}$ . (Methane, bis(2, 4, 6-trichloro-3-hydroxyphenyl)-6''-chloro-3''-sulphophenyl; methane, 3, 3'-dihydroxy-2, 2', 2'', 4, 4', 6, 6'-heptachlorotriphenyl-5''-sulphonic acid).

T as mothproofing agent. 439P, 1179, 1453P, 1454P.

258-582-924.  
3, 6-Naphthalenedisulfonic acid, 1, 8-dihydroxy-;  $(\text{OH})_2\text{C}_{10}\text{H}_6(\text{SO}_3\text{H})_2$ .

NT mosquito larvae, *Tineola biselliella*, and *Attagenus piceus*. 172, 739, 1176, 1178.

258-582-924-954-1021-1193.

Phosphonium hydrogen chromotopate, benzyltriphenyl-;  $(\text{C}_6\text{H}_5\text{CH}_2)_3(\text{C}_6\text{H}_5)_3\text{PSO}_3\text{C}_6\text{H}_4(\text{OH})_2(\text{H}_2\text{SO}_4)$ . (Benzyltriphenylphosphonium acid salt of chromotopic acid).

motropic acid).

T as mothproofing agent. 867P, 1175.

258-582-951-997-1218.  
Benzenesulfonic acid, 2, 4-dihydroxy-5-hexyl-, sodium salt;  $(\text{OH})_2\text{C}_6\text{H}_3(\text{C}_6\text{H}_{13})\text{SO}_3\text{Na}$ .

NT mosquito larvae. 487.

258-582-952-1023.  
Methanesulfonic acid, bis(hydroxytolyl)-, CU. (Methane, bis(hydroxytolyl)-, sulphonated).

T as mothproofing agent. 452P, 1179.

258-582-953-1023.  
*o*-Toluenesulfonic acid,  $\alpha,\alpha$ -bis(6-hydroxy-*m*-tolyl)-;  $\text{CH}(\text{C}_6\text{H}_4(\text{CH}_3)\text{OH})_2\text{C}_6\text{H}_4\text{SO}_3\text{H}$ . (Methane, 3, 3'-dimethyl-6, 6'-dihydroxy-2''-sulphotriphenyl; 3, 2'-dimethyl-6, 6'-dioxy-2''-sulphotriphenylmethane; methane, bis(2-hydroxy-5-methylphenyl)-2''-sulphophenyl).

T as mothproofing agent. 442P, 1175, 1179, 1457P, 1460P.

258-588-924-1218.  
2-Naphthol-7, 8-disulfonic acid, sodium salt. ("G" salt; sodium salt of 7, 8 disulfonic  $\beta$ -naphthol).

NT *Tineola biselliella* and *Attagenus piceus*. 739, 1176.

258-591-871-953-1022.  
Benzenesulfonic acid, *p*-benzyloxy-, toluidine salt;  $\text{C}_6\text{H}_5\text{CH}_2\text{OC}_6\text{H}_4\text{SO}_3\text{NH}_2\text{C}_6\text{H}_4\text{CH}_3$ . (Benzenesulfonic acid, *p*-benzyloxy-, toluidine salt).

Fly spray. 96P, 112, 688P, 690P, 693P, 694P, 696P.

258-591-952-1021-1218.

Benzenesulfonic acid, *p*-benzyloxy-, sodium salt;  $\text{C}_6\text{H}_5\text{CH}_2\text{OC}_6\text{H}_4\text{SO}_3\text{Na}$ . (Benzenesulfonic acid, *p*-benzyloxy-, sodium salt).

Fly spray. 96P, 112, 688P, 690P, 693P, 694P, 696P.

258-592-841-854-953-1023-1109.

*o*-Toluenesulfonic acid, 5-bromo- $\alpha,\alpha$ -bis(3, 5-dichloro-2-methoxyphenyl)-, ammonium salt;  $\text{CH}(\text{Cl}_2\text{C}_6\text{H}_3(\text{OCH}_3)_2)_2\text{C}_6\text{H}_4(\text{Br})\text{SO}_3\text{NH}_4$ . (Methane, bis(3, 5-dichloro-2-methoxyphenyl)-4''-bromo-2''-sulphophenyl-, ammonium salt; 2, 2'-dimethoxy-3, 5, 3', 5'-tetrachloro-4''-bromotriphenylmethane-6''-sulphonic acid, ammonium salt).

T as mothproofing agent. 447P, 457P, 1179.

258-592-841-854-953-1023-1198.

*o*-Toluenesulfonic acid, 5-bromo- $\alpha,\alpha$ -bis(3, 5-dichloro-2-methoxyphenyl)-, potassium salt;  $\text{CH}(\text{Cl}_2\text{C}_6\text{H}_3(\text{OCH}_3)_2)_2\text{C}_6\text{H}_4(\text{Br})\text{SO}_3\text{K}$ . (Methane, bis(3, 5-dichloro-2-methoxyphenyl)-4''-bromo-2''-sulphophenyl-, potassium salt; 2, 2'-dimethoxy-3, 5, 3', 5'-tetrachloro-4''-bromotriphenylmethane-6''-sulphonic acid, potassium salt).

T as mothproofing agent. 447P, 457P, 1179.

258-592-841-854-953-1023-1218.

*o*-Toluenesulfonic acid, 5-bromo- $\alpha,\alpha$ -bis(3, 5-dichloro-2-methoxyphenyl)-, sodium salt;  $\text{CH}(\text{Cl}_2\text{C}_6\text{H}_3(\text{OCH}_3)_2)_2\text{C}_6\text{H}_4(\text{Br})\text{SO}_3\text{Na}$ . (Methane, bis(3, 5-dichloro-2-methoxyphenyl)-4''-bromo-2''-sulphophenyl-, sodium salt; 2, 2'-dimethoxy-3, 5, 3', 5'-tetrachloro-4''-bromotriphenylmethane-6''-sulphonic acid, sodium salt).

T as mothproofing agent. 447P, 457P, 1179.

258-592-852-953-1023.

*o*-Toluenesulfonic acid,  $\alpha,\alpha$ -bis(5-chloro-2-methoxyphenyl)-;  $\text{CH}(\text{ClC}_6\text{H}_4(\text{OCH}_3))_2\text{C}_6\text{H}_4\text{SO}_3\text{H}$ . (Methane, bis(5-chloro-2-methoxyphenyl)-2''-sulphophenyl).

T as mothproofing agent. 447P, 1179.

258-592-852-953-1023-1109.

*p*-Toluenesulfonic acid,  $\alpha,\alpha$ -bis(5-chloro-2-methoxy-*m*-tolyl)-, ammonium salt;  $\text{CH}(\text{ClC}_6\text{H}_4(\text{CH}_3)\text{OCH}_3)_2\text{C}_6\text{H}_4\text{SO}_3\text{NH}_4$ . (Methane, bis(5-chloro-2-methoxy-3-methylphenyl)-4''-sulphophenyl-, ammonium salt; 2, 2'-dimethoxy-3, 3'-dimethyl-5, 5'-dichlorotriphenylmethane-4''-sulphonic acid, ammonium salt).

T as mothproofing agent. 447P, 457P, 1179.

258-592-852-953-1023-1198.

*p*-Toluenesulfonic acid,  $\alpha,\alpha$ -bis(5-chloro-2-methoxy-*m*-tolyl)-, potassium salt;  $\text{CH}(\text{ClC}_6\text{H}_4(\text{CH}_3)\text{OCH}_3)_2\text{C}_6\text{H}_4\text{SO}_3\text{K}$ . (Methane, bis(5-chloro-2-methoxy-3-methylphenyl)-4''-sulphophenyl-, potassium salt; 2, 2'-dimethoxy-3, 3'-dimethyl-5, 5'-dichlorotriphenylmethane-4''-sulphonic acid, potassium salt).

T as mothproofing agent. 447P, 457P, 1179.

258-592-852-953-1023-1218.

*p*-Toluenesulfonic acid,  $\alpha,\alpha$ -bis(5-chloro-2-methoxy-*m*-tolyl)-, sodium salt;  $\text{CH}(\text{ClC}_6\text{H}_4(\text{CH}_3)\text{OCH}_3)_2\text{C}_6\text{H}_4\text{SO}_3\text{Na}$ . (Methane, bis(5-chloro-2-methoxy-3-

- methylphenyl)-4'-sulphophenyl-, sodium salt; 2, 2'-dimethoxy-3, 3'-dimethyl-5, 5'-dichlorotriphenylmethane-4''-sulphonic acid, sodium salt).
- T as mothproofing agent. 447P, 457P, 1179.
- 258-592-852-953-1025.
- o*-Toluenesulfonic acid,  $\alpha,\alpha$ -bis(5-chloro-2-methoxy-*m*-tolyl)-;  $\text{CH}(\text{ClC}_6\text{H}_4(\text{CH}_3)\text{OCH}_3)_2\text{C}_6\text{H}_4\text{SO}_3\text{H}$ . (Methane, bis(5-chloro-2-methoxy-3-methylphenyl)-2'-sulphophenyl).
- T as mothproofing agent. 447P, 1179.
- 258-592-853-952-1002-1021.
- m*-Toluenesulfonic acid, 2-butoxy-6-chloro- $\alpha$ -(2-butoxy-3, 5-dichlorophenyl)-;  $\text{CH}_3(\text{ClC}_6\text{H}_4\text{OC}_2\text{H}_5)_2\text{C}_6\text{H}_4(\text{Cl})(\text{OC}_2\text{H}_5)\text{SO}_3\text{H}$ . (Methane, 2, 2'-di-*n*-butoxy-3, 5, 5'-trichloro-3'-sulphodiphenyl-; 2, 2'-di-*n*-butoxy-3, 5, 5'-trichlorodiphenylmethane-3'-sulphonic acid).
- T as mothproofing agent. 457P, 1179.
- 258-592-853-953-1002-1021-1109.
- o*-Toluenesulfonic acid, 4-chloro- $\alpha,\alpha$ -bis(2-butoxy-5-chloro-*m*-tolyl)-, ammonium salt;  $\text{CH}(\text{ClC}_6\text{H}_3(\text{CH}_3)\text{OC}_2\text{H}_5)_2\text{C}_6\text{H}_4(\text{Cl})\text{SO}_3\text{NH}_4$ . (Methane, bis(2-*n*-butoxy-5-chloro-3-methylphenyl)-5'-chloro-2'-sulphophenyl-, ammonium salt; 2, 2'-di-*n*-butoxy-3, 3'-dimethyl-5, 5', 3'-trichloro-triphenylmethane-6''-sulphonic acid, ammonium salt).
- T as mothproofing agent. 447P, 457P, 1179.
- 258-592-853-953-1002-1021-1109.
- o*-Toluenesulfonic acid, 4-chloro- $\alpha,\alpha$ -bis(2-butoxy-5-chloro-*m*-tolyl)-, potassium salt;  $\text{CH}(\text{ClC}_6\text{H}_3(\text{CH}_3)\text{OC}_2\text{H}_5)_2\text{C}_6\text{H}_4(\text{Cl})\text{SO}_3\text{K}$ . (Methane, bis(2-*n*-butoxy-5-chloro-3-methylphenyl)-5'-chloro-2'-sulphophenyl-, potassium salt; 2, 2'-di-*n*-butoxy-3, 3'-dimethyl-5, 5', 3'-trichloro-triphenylmethane-6''-sulphonic acid, potassium salt).
- T as mothproofing agent. 447P, 457P, 1179.
- 258-592-853-953-1002-1021-1218.
- o*-Toluenesulfonic acid, 4-chloro- $\alpha,\alpha$ -bis(2-butoxy-5-chloro-*m*-tolyl)-, sodium salt;  $\text{CH}(\text{ClC}_6\text{H}_3(\text{CH}_3)\text{OC}_2\text{H}_5)_2\text{C}_6\text{H}_4(\text{Cl})\text{SO}_3\text{Na}$ . (Methane, bis(2-*n*-butoxy-5-chloro-3-methylphenyl)-5'-chloro-2'-sulphophenyl-, sodium salt; 2, 2'-di-*n*-butoxy-3, 3'-dimethyl-5, 5', 3'-trichloro-triphenylmethane-6''-sulphonic acid, sodium salt).
- T as mothproofing agent. 447P, 457P, 1179.
- 258-592-853-953-1023-1109.
- o*-Toluenesulfonic acid, 4-chloro- $\alpha,\alpha$ -bis(5-chloro-2-methoxyphenyl)-, ammonium salt;  $\text{CH}(\text{ClC}_6\text{H}_3(\text{OCH}_3)_2)_2\text{C}_6\text{H}_4(\text{Cl})\text{SO}_3\text{NH}_4$ . (Methane, bis(5-chloro-2-methoxyphenyl)-5'-chloro-2'-sulphophenyl-, ammonium salt; 2, 2'-dimethoxy-5, 5', 3'-trichlorotriphenylmethane-6''-sulphonic acid, ammonium salt).
- T as mothproofing agent. 447P, 457P, 1179.
- 258-592-853-953-1023-1196.
- o*-Toluenesulfonic acid, 4-chloro- $\alpha,\alpha$ -bis(5-chloro-2-methoxyphenyl)-, potassium salt;  $\text{CH}(\text{ClC}_6\text{H}_3(\text{OCH}_3)_2)_2\text{C}_6\text{H}_4(\text{Cl})\text{SO}_3\text{K}$ . (Methane, bis(5-chloro-2-methoxyphenyl)-5'-chloro-2'-sulphophenyl-, potassium salt; 2, 2'-dimethoxy-5, 5', 3'-trichlorotriphenylmethane-6''-sulphonic acid, potassium salt).
- T as mothproofing agent. 447P, 457P, 1179.
- 258-592-853-953-1023-1218.
- o*-Toluenesulfonic acid, 4-chloro- $\alpha,\alpha$ -bis(5-chloro-2-methoxyphenyl)-, sodium salt;  $\text{CH}(\text{ClC}_6\text{H}_3(\text{OCH}_3)_2)_2\text{C}_6\text{H}_4(\text{Cl})\text{SO}_3\text{Na}$ . (Methane, bis(5-chloro-2-methoxyphenyl)-5'-chloro-2'-sulphophenyl-, sodium salt; 2, 2'-dimethoxy-5, 5', 3'-trichlorotriphenylmethane-6''-sulphonic acid, sodium salt).
- T as mothproofing agent. 447P, 457P, 1179.
- 258-592-854-953-962-1021-1109.
- o*-Toluenesulfonic acid,  $\alpha,\alpha$ -bis(2-cyclohexyloxy-3, 5-dichlorophenyl)-, ammonium salt;  $\text{CH}(\text{Cl}_2\text{C}_6\text{H}_3\text{OC}_6\text{H}_{11})_2\text{C}_6\text{H}_4\text{SO}_3\text{NH}_4$ . (Methane, bis(3, 5-dichloro-2-cyclohexyloxyphenyl)-2'-sulphophenyl-, ammonium salt; 2, 2'-dicyclohexyloxy-3, 5, 3', 5'-tetrachlorotriphenylmethane-2''-sulphonic acid, ammonium salt).
- T as mothproofing agent. 447P, 457P, 1179.
- 258-592-854-953-1000-1021-1109.
- o*-Toluenesulfonic acid,  $\alpha,\alpha$ -bis(3, 5-dichloro-2-isobutoxyphenyl)-, ammonium salt;  $\text{CH}(\text{Cl}_2\text{C}_6\text{H}_3\text{OC}_4\text{H}_9)_2\text{C}_6\text{H}_4\text{SO}_3\text{NH}_4$ . (Methane, bis(2-isobutoxy-3, 5-dichlorophenyl)-2'-sulphophenyl-, ammonium salt; 2, 2'-diisobutoxy-3, 5, 3', 5'-tetrachlorotriphenylmethane-2''-sulphonic acid, ammonium salt).
- T as mothproofing agent. 447P, 457P, 1179.
- 258-592-854-953-1000-1021-1196.
- o*-Toluenesulfonic acid,  $\alpha,\alpha$ -bis(2-isobutoxy-3, 5-dichlorophenyl)-, potassium salt;  $\text{CH}(\text{Cl}_2\text{C}_6\text{H}_3\text{OC}_4\text{H}_9)_2\text{C}_6\text{H}_4\text{SO}_3\text{K}$ . (Methane, bis(2-isobutoxy-3, 5-dichlorophenyl)-2'-sulphophenyl-, potassium salt; 2, 2'-diisobutoxy-3, 5, 3', 5'-tetrachlorotriphenylmethane-2''-sulphonic acid, potassium salt).
- T as mothproofing agent. 447P, 457P, 1179.
- 258-592-854-953-1002-1021-1196.
- o*-Toluenesulfonic acid,  $\alpha,\alpha$ -bis(2-isobutoxy-3, 5-dichlorophenyl)-, potassium salt;  $\text{CH}(\text{Cl}_2\text{C}_6\text{H}_3\text{OC}_4\text{H}_9)_2\text{C}_6\text{H}_4\text{SO}_3\text{K}$ . (Methane, bis(2-isobutoxy-3, 5-dichlorophenyl)-2'-sulphophenyl-, potassium salt; 2, 2'-diisobutoxy-3, 5, 3', 5'-tetrachlorotriphenylmethane-2''-sulphonic acid, potassium salt).
- T as mothproofing agent. 447P, 457P, 1179.
- 258-592-854-953-1002-1021-1218.
- o*-Toluenesulfonic acid,  $\alpha,\alpha$ -bis(3, 5-dichloro-2-isobutoxyphenyl)-, sodium salt;  $\text{CH}(\text{Cl}_2\text{C}_6\text{H}_3\text{OC}_4\text{H}_9)_2\text{C}_6\text{H}_4\text{SO}_3\text{Na}$ . (Methane, bis(3, 5-dichloro-2-isobutoxyphenyl)-2'-sulphophenyl-, sodium salt; 2, 2'-diisobutoxy-3, 5, 3', 5'-tetrachlorotriphenylmethane-2''-sulphonic acid, sodium salt).
- T as mothproofing agent. 447P, 457P, 1179.
- 258-592-854-953-1002-1021-1218.
- o*-Toluenesulfonic acid,  $\alpha,\alpha$ -bis(2-butoxy-3, 5-dichlorophenyl)-, sodium salt;  $\text{CH}(\text{Cl}_2\text{C}_6\text{H}_3\text{OC}_4\text{H}_9)_2\text{C}_6\text{H}_4\text{SO}_3\text{Na}$ . (Methane, bis(2-*n*-butoxy-3, 5-dichlorophenyl)-2'-sulphophenyl-, sodium salt; 2, 2'-di-*n*-butoxy-3, 5, 3', 5'-tetrachlorotriphenylmethane-2''-sulphonic acid, sodium salt).
- T as mothproofing agent. 447P, 457P, 1179.
- 258-592-854-953-1002-1021-1218.
- 2, 4-Toluenedisulfonic acid,  $\alpha,\alpha$ -bis(2-butoxy-3, 5-dichlorophenyl)-, sodium salt;  $\text{CH}(\text{Cl}_2\text{C}_6\text{H}_3\text{OC}_4\text{H}_9)_2\text{C}_6\text{H}_4(\text{SO}_3\text{Na})_2$ . (Methane, bis(2-*n*-butoxy-3, 5-dichlorophenyl)-2', 4'-disulphophenyl-, sodium salt;

- 2, 2'-di-*n*-butoxy-, 3, 5, 3', 5'-tetrachlorotriphenylmethane-2'', 4''-disulphonic acid, sodium salt).  
T as mothproofing agent. 447P, 1179.
- 258-592-854-953-1004-1021-1033.  
*o*-Toluenesulfonic acid,  $\alpha,\alpha$ -bis(2-allyloxy-3, 5-dichlorophenyl)-;  $\text{CH}(\text{Cl}_2\text{C}_6\text{H}_3\text{OCH}_2\text{CH}_2\text{CH}_3)_2\text{C}_6\text{H}_4\text{SO}_3\text{H}$ . (Methane, bis(2-allyloxy-3, 5-dichlorophenyl)-2'-sulphophenyl-; 2, 2'-dialloxy-3, 5, 3', 5'-tetrachlorotriphenylmethane-2''-sulphonic acid, sodium salt).  
T as mothproofing agent. 447P, 457P, 1179.
- 258-592-854-953-1004-1021-1109.  
*o*-Toluenesulfonic acid,  $\alpha,\alpha$ -bis(3, 5-dichloro-2-*n* or isopropoxyphenyl)-, ammonium salt;  $\text{CH}(\text{Cl}_2\text{C}_6\text{H}_3\text{OC}(\text{H}_3)_2)_2\text{C}_6\text{H}_4\text{SO}_3\text{NH}_4$ . (Methane, bis(3, 5-dichloro-2-*n* (or iso) propoxyphenyl-2'-sulphophenyl)-, ammonium salt; 2, 2'-di- (*n* or iso) propoxy-3, 5, 3', 5'-tetrachlorotriphenylmethane-2''-sulphonic acid, ammonium salt).  
T as mothproofing agent. 447P, 457P, 1179.
- 258-592-854-953-1004-1021-1196.  
*o*-Toluenesulfonic acid,  $\alpha,\alpha$ -bis(3, 5-dichloro-2-*n* or isopropoxyphenyl)-, potassium salt;  $\text{CH}(\text{Cl}_2\text{C}_6\text{H}_3\text{OC}(\text{H}_3)_2)_2\text{C}_6\text{H}_4\text{SO}_3\text{K}$ . (Methane, bis(3, 5-dichloro-2-*n* (or iso) propoxyphenyl-2'-sulphophenyl)-, potassium salt; 2, 2'-di- (*n* or iso) propoxy-3, 5, 3', 5'-tetrachlorotriphenylmethane-2''-sulphonic acid, potassium salt).  
T as mothproofing agent. 447P, 457P, 1179.
- 258-592-854-953-1004-1021-1218.  
*o*-Toluenesulfonic acid,  $\alpha,\alpha$ -bis(3, 5-dichloro-2-*n* or isopropoxyphenyl)-, sodium salt;  $\text{CH}(\text{Cl}_2\text{C}_6\text{H}_3\text{OC}(\text{H}_3)_2)_2\text{C}_6\text{H}_4\text{SO}_3\text{Na}$ . (Methane, bis(3, 5-dichloro-2-*n* (or iso) propoxyphenyl-2'-sulphophenyl)-, sodium salt; 2, 2'-di- (*n* or iso) propoxy-3, 5, 3', 5'-tetrachlorotriphenylmethane-2''-sulphonic acid, sodium salt).  
T as mothproofing agent. 447P, 457P, 1179.
- 258-592-854-953-1012-1021-1109.  
*o*-Toluenesulfonic acid,  $\alpha,\alpha$ -bis(3, 5-dichloro-2-ethoxyphenyl)-, ammonium salt;  $\text{CH}(\text{Cl}_2\text{C}_6\text{H}_3\text{OC}_2\text{H}_5)_2\text{C}_6\text{H}_4\text{SO}_3\text{NH}_4$ . (Methane, bis(3, 5-dichloro-2-ethoxyphenyl)-2'-sulphophenyl-, ammonium salt; 2, 2'-diethoxy-3, 5, 3', 5'-tetrachlorotriphenylmethane-2''-sulphonic acid, ammonium salt).  
T as mothproofing agent. 447P, 457P, 1179.
- 258-592-854-953-1012-1021-1196.  
*o*-Toluenesulfonic acid,  $\alpha,\alpha$ -bis(3, 5-dichloro-2-ethoxyphenyl)-, potassium salt;  $\text{CH}(\text{Cl}_2\text{C}_6\text{H}_3\text{OC}_2\text{H}_5)_2\text{C}_6\text{H}_4\text{SO}_3\text{K}$ . (Methane, bis(3, 5-dichloro-2-ethoxyphenyl)-2'-sulphophenyl-, potassium salt; 2, 2'-diethoxy-3, 5, 3', 5'-tetrachlorotriphenylmethane-2''-sulphonic acid, potassium salt).  
T as mothproofing agent. 447P, 457P, 1179.
- 258-592-854-953-1012-1021-1218.  
*o*-Toluenesulfonic acid,  $\alpha,\alpha$ -bis(3, 5-dichloro-2-ethoxyphenyl)-, sodium salt;  $\text{CH}(\text{Cl}_2\text{C}_6\text{H}_3\text{OC}_2\text{H}_5)_2\text{C}_6\text{H}_4\text{SO}_3\text{Na}$ . (Methane, bis(3, 5-dichloro-2-ethoxyphenyl)-2'-sulphophenyl-, sodium salt; 2, 2'-diethoxy-3, 5, 3', 5'-tetrachlorotriphenylmethane-2''-sulphonic acid, sodium salt).  
T as mothproofing agent. 447P, 457P, 1179.
- 258-592-854-953-1023.  
*o*-Toluenesulfonic acid,  $\alpha,\alpha$ -bis(3, 5-dichloro-2-methoxyphenyl)-;  $\text{CH}(\text{Cl}_2\text{C}_6\text{H}_3\text{OCH}_3)_2\text{C}_6\text{H}_4\text{SO}_3\text{H}$ . (Methane, bis(3, 5-dichloro-2-methoxyphenyl)-2'-sulphophenyl-, 3, 5, 3', 5'-tetrachloro-6, 6'-dimethoxytriphenylmethane-2''-sulphonic acid).  
T as mothproofing agent. 447P, 1179.
- 258-592-854-953-1023-1109.  
*o*-Toluenesulfonic acid,  $\alpha,\alpha$ -bis(3, 5-dichloro-2-methoxyphenyl)-, ammonium salt;  $\text{CH}(\text{Cl}_2\text{C}_6\text{H}_3\text{OCH}_3)_2\text{C}_6\text{H}_4\text{SO}_3\text{NH}_4$ . (Methane, bis(3, 5-dichloro-2-methoxyphenyl)-2'-sulphophenyl-, ammonium salt; 2, 2'-dimethoxy-3, 5, 3', 5'-tetrachlorotriphenylmethane-2''-sulphonic acid, ammonium salt).  
T as mothproofing agent. 447P, 457P, 1179.
- 258-592-854-953-1023-1196.  
*o*-Toluenesulfonic acid,  $\alpha,\alpha$ -bis(3, 5-dichloro-2-methoxyphenyl)-, potassium salt;  $\text{CH}(\text{Cl}_2\text{C}_6\text{H}_3\text{OCH}_3)_2\text{C}_6\text{H}_4\text{SO}_3\text{K}$ . (Methane, bis(3, 5-dichloro-2-methoxyphenyl)-2'-sulphophenyl-, potassium salt; 2, 2'-dimethoxy-3, 5, 3', 5'-tetrachlorotriphenylmethane-2''-sulphonic acid, potassium salt).  
T as mothproofing agent. 447P, 457P, 1179.
- 258-592-854-953-1023-1218.  
*o*-Toluenesulfonic acid,  $\alpha,\alpha$ -bis(3, 5-dichloro-2-methoxyphenyl)-, sodium salt;  $\text{CH}(\text{Cl}_2\text{C}_6\text{H}_3\text{OCH}_3)_2\text{C}_6\text{H}_4\text{SO}_3\text{Na}$ . (Methane, bis(3, 5-dichloro-2-methoxyphenyl)-2'-sulphophenyl-, sodium salt; 3, 5, 3', 5'-tetrachloro-4, 4'-dimethoxytriphenylmethane-2''-sulphonic acid, sodium salt).  
T as mothproofing agent. 447P, 1179.
- 258-592-854-953-1023-1218.  
*p*-Toluenesulfonic acid,  $\alpha,\alpha$ -bis(3, 5-dichloro-2-methoxyphenyl)-, sodium salt;  $\text{CH}(\text{Cl}_2\text{C}_6\text{H}_3\text{OCH}_3)_2\text{C}_6\text{H}_4\text{SO}_3\text{Na}$ . (Methane, bis(3, 5-dichloro-2-methoxyphenyl)-4'-sulphophenyl-, sodium salt; 2, 2'-dimethoxy-3, 5, 3', 5'-tetrachlorotriphenylmethane-4''-sulphonic acid, sodium salt).  
T as mothproofing agent. 447P, 457P, 1179.
- 258-592-854-953-1023-1218.  
*o*-Toluenesulfonic acid,  $\alpha,\alpha$ -bis(2-benzyloxy-3, 5-dichlorophenyl)-, sodium salt;  $\text{CH}(\text{Cl}_2\text{C}_6\text{H}_3\text{OCH}_2\text{C}_6\text{H}_5)_2\text{C}_6\text{H}_4\text{SO}_3\text{Na}$ . (Methane, bis(3, 5-dichloro-2-benzyloxyphenyl)-2'-sulphophenyl-, sodium salt).  
T as mothproofing agent. 447P, 1179.
- 258-592-855-951-962-1021-1109.  
*o*-Toluenesulfonic acid, 5-chloro- $\alpha,\alpha$ -bis(3, 5-dichlorocyclohexoxy)-, ammonium salt?  $[(\text{Cl})_2\text{C}_6\text{H}_9\text{O}]_2\text{CH}(\text{Cl}_2\text{C}_6\text{H}_3(\text{Cl})(\text{SO}_3\text{NH}_4))$ . (Methane, dicyclohexoxy-3, 5, 3', 5', 4''-pentachloro-2''-sulphotriphenyl-, ammonium salt; dicyclohexyloxy-3, 5, 3', 5', 4''-pentachlorotriphenylmethane-6''-sulphonic acid, ammonium salt).  
T as mothproofing agent. 447P, 457P, 1179.
- 258-592-855-951-962-1021-1218.  
*o*-Toluenesulfonic acid, 5-chloro- $\alpha,\alpha$ -bis(3, 5-dichlorocyclohexoxy)-, sodium salt?  $[(\text{Cl})_2\text{C}_6\text{H}_9\text{O}]_2\text{CH}[\text{Cl}_2\text{C}_6\text{H}_3(\text{Cl})(\text{SO}_3\text{Na})]$ . (Methane, dicyclohexoxy-3, 5, 3', 5', 4''-pentachloro-2''-sulphotriphenyl-, sodium salt; dicyclohexyloxy-3, 5, 3', 5', 4''-pentachlorotriphenylmethane-6''-sulphonic acid, sodium salt).  
T as mothproofing agent. 447P, 457P, 1179.
- 258-592-855-953-1002-1021-1109.  
*o*-Toluenesulfonic acid, 4-chloro- $\alpha,\alpha$ -bis(2-butoxy-3, 5-dichlorophenyl)-, ammonium salt;  $\text{CH}(\text{Cl}_2\text{C}_6\text{H}_3\text{OC}_4\text{H}_9)_2\text{C}_6\text{H}_4\text{SO}_3\text{NH}_4$ . (Methane, bis(2-*n*-butoxy-3, 5-dichlorophenyl)-5-chloro-2'-sulphophenyl-, ammonium salt; 2, 2'-di-*n*-butoxy-3, 5, 3', 5', 3''-pentachlorotriphenylmethane-6''-sulphonic acid, ammonium salt).  
T as mothproofing agent. 447P, 457P, 1179.
- 258-592-855-953-1002-1021-1109.  
*o*-Toluenesulfonic acid, 5-chloro- $\alpha,\alpha$ -bis(2-butoxy-3, 5-dichlorophenyl)-, ammonium salt;  $\text{CH}(\text{Cl}_2\text{C}_6\text{H}_3\text{OC}_4\text{H}_9)_2\text{C}_6\text{H}_4\text{SO}_3\text{NH}_4$ . (Methane, bis(2-*n*-butoxy-3, 5-dichlorophenyl)-4'-chloro-2'-sulphophenyl-, ammonium salt; 2, 2'-di-*n*-butoxy-3, 5, 3', 5', 4''-pentachlorotriphenylmethane-6''-sulphonic acid, ammonium salt).  
T as mothproofing agent. 447P, 457P, 1179.
- 258-592-855-953-1002-1021-1196.  
*p*-Toluenesulfonic acid,  $\alpha$ -(2-butoxy-3, 5-dichlorophenyl)- $\alpha$ -(3-butoxy-2, 4, 6-trichlorophenyl)-, ammonium salt;  $\text{CH}(\text{Cl}_2\text{C}_6\text{H}_3\text{OC}_4\text{H}_9)(\text{Cl}_2\text{C}_6\text{H}_3\text{OC}_4\text{H}_9)_2\text{C}_6\text{H}_4\text{SO}_3\text{NH}_4$ . (Methane, 2, 3'-di-*n*-butoxy-3, 5, 2', 1', 6''-pentachloro-4''-sulphotriphenyl-, ammonium salt; 2, 3'-*n*-butoxy-3, 5, 2', 4', 6''-pentachlorotriphenylmethane-4''-sulphonic acid, ammonium salt).  
T as mothproofing agent. 447P, 457P, 1179.
- 258-592-855-953-1002-1021-1196.  
*o*-Toluenesulfonic acid, 4-chloro- $\alpha,\alpha$ -bis(2-butoxy-3, 5-dichlorophenyl)-, potassium salt;  $\text{CH}(\text{Cl}_2\text{C}_6\text{H}_3\text{OC}_4\text{H}_9)_2\text{C}_6\text{H}_4\text{SO}_3\text{K}$ .



- $\text{OC}_6\text{H}_5)_2\text{C}_6\text{H}_4(\text{Cl})\text{SO}_3\text{K}$ . (Methane, bis(2-*n*-butoxy-3, 5-dichlorophenyl)-5-chloro-2'-sulphophenyl-, potassium salt; 2, 2'-di-*n*-butoxy-3, 5, 3', 5', 3"-pentachlorotriphenylmethane-6"-sulphonic acid, potassium salt).
- T as mothproofing agent. 447P, 457P, 1179.
- 258-592-855-953-1002-1021-1196.
- o*-Toluenesulfonic acid, 5-chloro- $\alpha,\alpha$ -bis(2-butoxy-3, 5-dichlorophenyl)-, potassium salt;  $\text{CH}(\text{Cl}_2\text{C}_6\text{H}_4\text{OC}_2\text{H}_5)_2\text{C}_6\text{H}_4(\text{Cl})\text{SO}_3\text{K}$ . (Methane, bis(2-*n*-butoxy-3, 5-dichlorophenyl)-4'-chloro-2'-sulphophenyl-, potassium salt; 2, 2'-di-*n*-butoxy-3, 5, 3', 5', 4"-pentachlorotriphenylmethane-6"-sulphonic acid, potassium salt).
- T as mothproofing agent. 447P, 457P, 1179.
- 258-592-855-953-1002-1021-1196.
- p*-Toluenesulfonic acid,  $\alpha$ -(2-butoxy-3, 5-dichlorophenyl)- $\alpha$ -(3-butoxy-2, 4, 6-trichlorophenyl)-, potassium salt;  $\text{CH}(\text{Cl}_2\text{C}_6\text{H}_4\text{C}_6\text{H}_5)_2(\text{Cl}_2\text{C}_6\text{H}_4\text{OC}_2\text{H}_5)\text{C}_6\text{H}_4\text{SO}_3\text{K}$ . (Methane, 2, 3'-di-*n*-butoxy-3, 5, 2', 4', 6'-pentachloro-4"-sulphotriphenyl-, potassium salt; 2, 3'-*n*-butoxy-3, 5, 2', 4', 6'-pentachlorotriphenylmethane-4"-sulphonic acid, potassium salt).
- T as mothproofing agent. 447P, 457P, 1179.
- 258-592-855-953-1002-1021-1218.
- o*-Toluenesulfonic acid,  $\alpha$ -(2-butoxy-3, 5-dichlorophenyl)- $\alpha$ -(5-butoxy-2, 4, 6-trichlorophenyl)-, sodium salt;  $\text{CH}(\text{Cl}_2\text{C}_6\text{H}_4(\text{OC}_2\text{H}_5)_2)(\text{C}_6\text{H}_4\text{Cl})\text{C}_6\text{H}_4\text{SO}_3\text{Na}$ . (Methane, 2, 5'-di-*n*-butoxy-3, 5, 2', 4', 6'-pentachloro-2"-sulphotriphenyl-, sodium salt; 2, 5'-di-*n*-butoxy-3, 5, 2', 4', 6'-pentachlorotriphenylmethane-2"-sulphonic acid, sodium salt).
- T as mothproofing agent. 447P, 1179.
- 258-592-855-953-1002-1021-1218.
- o*-Toluenesulfonic acid, 4-chloro- $\alpha,\alpha$ -bis(2-butoxy-3, 5-dichlorophenyl)-, sodium salt;  $\text{CH}(\text{Cl}_2\text{C}_6\text{H}_4\text{OC}_2\text{H}_5)_2\text{C}_6\text{H}_4(\text{Cl})\text{SO}_3\text{Na}$ . (Methane, bis(2-*n*-butoxy-3, 5-dichlorophenyl)-5'-chloro-2'-sulphophenyl-, sodium salt; 2, 2'-di-*n*-butoxy-3, 5, 3', 5', 3"-pentachlorotriphenylmethane-6"-sulphonic acid, sodium salt).
- T as mothproofing agent. 447P, 457P, 1179.
- 258-592-855-953-1002-1021-1218.
- o*-Toluenesulfonic acid, 5-chloro- $\alpha,\alpha$ -bis(2-butoxy-3, 5-dichlorophenyl)-, sodium salt;  $\text{CH}(\text{Cl}_2\text{C}_6\text{H}_4\text{OC}_2\text{H}_5)_2\text{C}_6\text{H}_4(\text{Cl})\text{SO}_3\text{Na}$ . (Methane, bis(2-*n*-butoxy-3, 5-dichlorophenyl)-4'-chloro-2'-sulphophenyl-, sodium salt; 2, 2'-di-*n*-butoxy-3, 5, 3', 5', 4"-pentachlorotriphenylmethane-6"-sulphonic acid, sodium salt).
- T as mothproofing agent. 447P, 457P, 1179.
- 258-592-855-953-1002-1021-1218.
- p*-Toluenesulfonic acid,  $\alpha$ -(2-butoxy-3, 5-dichlorophenyl)- $\alpha$ -(3-butoxy-2, 4, 6-trichlorophenyl)-, sodium salt;  $\text{CH}(\text{Cl}_2\text{C}_6\text{H}_4\text{OC}_2\text{H}_5)_2(\text{Cl}_2\text{C}_6\text{H}_4\text{OC}_2\text{H}_5)\text{C}_6\text{H}_4\text{SO}_3\text{Na}$ . (Methane, 2, 3'-di-*n*-butoxy-3, 5, 2', 4', 6'-pentachloro-4"-sulphotriphenyl-, sodium salt; 2, 3'-*n*-butoxy-3, 5, 2', 4', 6'-pentachlorotriphenylmethane-4"-sulphonic acid, sodium salt).
- T as mothproofing agent. 447P, 457P, 1179.
- 258-592-855-953-1002-1021-1109.
- o*-Toluenesulfonic acid, 5-chloro- $\alpha,\alpha$ -bis(3, 5-dichloro-2-ethoxyphenyl)-, ammonium salt;  $\text{CH}(\text{Cl}_2\text{C}_6\text{H}_4\text{OC}_2\text{H}_5)_2\text{C}_6\text{H}_4(\text{Cl})\text{SO}_3\text{NH}_4$ . (Methane, bis(3, 5-dichloro-2-ethoxyphenyl)-4'-chloro-2'-sulphophenyl-, ammonium salt; 2, 2'-diethoxy-3, 5, 3', 5', 4"-pentachlorotriphenylmethane-6"-sulphonic acid, ammonium salt).
- T as mothproofing agent. 447P, 457P, 1179.
- 258-592-855-953-1012-1021-1196.
- o*-Toluenesulfonic acid, 5-chloro- $\alpha,\alpha$ -bis(3, 5-dichloro-2-ethoxyphenyl)-, potassium salt;  $\text{CH}(\text{Cl}_2\text{C}_6\text{H}_4\text{OC}_2\text{H}_5)_2\text{C}_6\text{H}_4(\text{Cl})\text{SO}_3\text{K}$ . (Methane, bis(3, 5-dichloro-2-ethoxyphenyl)-4'-chloro-2'-sulphophenyl-, potassium salt; 2, 2'-diethoxy-3, 5, 3', 5', 4"-pentachlorotriphenylmethane-6"-sulphonic acid, potassium salt).
- T as mothproofing agent. 447P, 457P, 1179.
- 258-592-855-953-1012-1021-1218.
- o*-Toluenesulfonic acid,  $\alpha,\alpha$ -bis(3, 5-dichloro-2-ethoxyphenyl)-, sodium salt;  $\text{CH}(\text{Cl}_2\text{C}_6\text{H}_4\text{OC}_2\text{H}_5)_2\text{C}_6\text{H}_4(\text{Cl})\text{SO}_3\text{Na}$ . (Methane, bis(3, 5-dichloro-2-ethoxyphenyl)-4'-chloro-2'-sulphophenyl-, sodium salt; dimethoxy-3, 3', 5', 5'-tetrachloro-, triphenylmethane-2-sulphonic acid, 4-chloro-2', 2"-sodium salt).
- T as mothproofing agent. 447P, 1179.
- 258-592-953-1023.
- o*-Toluenesulfonic acid, 5-chloro- $\alpha,\alpha$ -bis(3, 5-dichloro-2-methoxyphenyl)-;  $\text{CH}(\text{Cl}_2\text{C}_6\text{H}_4\text{OCH}_3)_2\text{C}_6\text{H}_4(\text{Cl})\text{SO}_3\text{H}$ . (Methane, bis(3, 5-dichloro-2-methoxyphenyl)-4'-chloro-2'-sulphophenyl-; 3, 3', 5, 5', 4"-pentachloro-6, 6'-dimethoxytriphenylmethane-2"-sulphonic acid).
- T as mothproofing agent. 447P, 1179.
- 258-592-855-953-1023-1109.
- o*-Toluenesulfonic acid, 4-chloro- $\alpha,\alpha$ -bis(3, 5-dichloro-3-methoxyphenyl)-, ammonium salt;  $\text{CH}(\text{Cl}_2\text{C}_6\text{H}_4\text{OCH}_3)_2\text{C}_6\text{H}_4(\text{Cl})\text{SO}_3\text{NH}_4$ . (Methane, bis(3, 5-dichloro-2-methoxyphenyl)-5'-chloro-2'-sulphophenyl-, ammonium salt; 2, 2'-dimethoxy-3, 5, 3', 5', 3"-pentachlorotriphenylmethane-6"-sulphonic acid, ammonium salt).
- T as mothproofing agent. 447P, 457P, 1179.
- 258-592-855-953-1023-1109.
- o*-Toluenesulfonic acid, 5-chloro- $\alpha,\alpha$ -bis(3, 5-dichlorobenzoyl)-, ammonium salt;  $[(\text{Cl})_2\text{C}_6\text{H}_4\text{CH}_2\text{O}]_2\text{CH}[\text{C}_6\text{H}_4(\text{Cl})\text{SO}_3\text{NH}_4]$ . (Methane, dibenzoyl-3, 5, 3', 5', 4"-pentachloro-2"-sulphotriphenyl-, ammonium salt; dibenzoyl-3, 5, 3', 5', 4"-pentachlorotriphenylmethane-6"-sulphonic acid, ammonium salt).
- T as mothproofing agent. 447P, 457P, 1179.
- 258-592-855-953-1023-1196.
- o*-Toluenesulfonic acid, 4-chloro- $\alpha,\alpha$ -bis(3, 5-dichloro-3-methoxyphenyl)-, potassium salt;  $\text{CH}(\text{Cl}_2\text{C}_6\text{H}_4\text{OCH}_3)_2\text{C}_6\text{H}_4(\text{Cl})\text{SO}_3\text{K}$ . (Methane, bis(3, 5-dichloro-2-methoxyphenyl)-5'-chloro-2'-sulphophenyl-, potassium salt; 2, 2'-dimethoxy-3, 5, 3', 5', 3"-pentachlorotriphenylmethane-6"-sulphonic acid, potassium salt).
- T as mothproofing agent. 447P, 457P, 1179.
- 258-592-855-953-1023-1196.
- o*-Toluenesulfonic acid, 5-chloro- $\alpha,\alpha$ -bis(3, 5-dichlorobenzoyl)-, potassium salt;  $[(\text{Cl})_2\text{C}_6\text{H}_4\text{CH}_2\text{O}]_2\text{CH}[\text{C}_6\text{H}_4(\text{Cl})\text{SO}_3\text{K}]$ . (Methane, dibenzoyl-3, 5, 3', 5', 4"-pentachloro-2"-sulphotriphenyl-, potassium salt; dibenzoyl-3, 5, 3', 5', 4"-pentachlorotriphenylmethane-6"-sulphonic acid, potassium salt).
- T as mothproofing agent. 447P, 457P, 1179.
- 258-592-855-953-1023-1218.
- o*-Toluenesulfonic acid, 4-chloro- $\alpha,\alpha$ -bis(3, 5-dichloro-3-methoxyphenyl)-, sodium salt;  $\text{CH}(\text{Cl}_2\text{C}_6\text{H}_4\text{OCH}_3)_2\text{C}_6\text{H}_4(\text{Cl})\text{SO}_3\text{Na}$ . (Methane, bis(3, 5-dichloro-2-methoxyphenyl)-5'-chloro-2'-sulphophenyl-, sodium salt; 2, 2'-dimethoxy-3, 5, 3', 5', 3"-pentachlorotriphenylmethane-6"-sulphonic acid, sodium salt).
- T as mothproofing agent. 447P, 457P, 1179.
- 258-592-855-953-1023-1218.
- o*-Toluenesulfonic acid, 5-chloro- $\alpha,\alpha$ -bis(3, 5-dichlorobenzoyl)-, sodium salt;  $[(\text{Cl})_2\text{C}_6\text{H}_4\text{CH}_2\text{O}]_2\text{CH}[\text{C}_6\text{H}_4(\text{Cl})\text{SO}_3\text{Na}]$ . (Methane, dibenzoyl-3, 5, 3', 5', 4"-pentachloro-2"-sulphotriphenyl-, sodium salt; dibenzoyl-3, 5, 3', 5', 4"-pentachlorotriphenylmethane-6"-sulphonic acid, sodium salt).
- T as mothproofing agent. 447P, 457P, 1179.
- 258-592-855-953-1023-1218.
- p*-Toluenesulfonic acid,  $\alpha,\alpha$ -bis(2-methoxyphenyl)-;  $\text{CH}(\text{C}_6\text{H}_4\text{OCH}_3)_2\text{C}_6\text{H}_4\text{SO}_3\text{H}$ . (Methane, bis(2-methoxyphenyl)-4-sulphophenyl-).
- T as mothproofing agent. 447P, 1179.
- 258-594-854-953-1012-1023-1218.
- o*-Toluenesulfonic acid,  $\alpha,\alpha$ -bis[3, 5-dichloro-2-(2-methoxyethoxy)phenyl]-, sodium salt;  $\text{CH}(\text{Cl}_2\text{C}_6\text{H}_4\text{OC}_2\text{H}_4\text{OCH}_3)_2\text{C}_6\text{H}_4\text{SO}_3\text{Na}$ . (Methane, bis[3, 5-dichloro-2-( $\beta$ -methoxyethoxy)phenyl]-2'-sulphophenyl-, sodium salt; 2, 2'-( $\beta$ -methoxyethoxy)-3, 5, 3', 5', 8'-tetrachlorotriphenylmethane-2"-sulphonic acid, sodium salt).
- T as mothproofing agent. 447P, 1179.

- 258-657-951.  
Benzenesulfonic acid, 4-hydrazino-;  $\text{HSO}_3\text{C}_6\text{H}_4\text{NH}_2$ .  
NHa. (Phenylhydrazine-*p*-sulfonic acid).  
T screwworms at m.l.c. 0.33-0.67%. 156.
- 258-659-952-1022.  
Benzenesulfonic acid, *or*-formyl-, methylphenylhydrazo-;  $\text{C}_6\text{H}_5\text{N}(\text{CH}_3)\text{N}:\text{CHC}_6\text{H}_4\text{SO}_3\text{H}$ . (Benzylidene-phenylmethylhydrazone sulphonic acid).  
T as mothproofing agent. 330P, 338P, 874P, 1176.
- 258-665-671-924-951.  
Benzenesulfonic acid, 4-(4'-aminonaphthaleneazo)-;  $\text{H}_2\text{NC}_6\text{H}_4\text{N}:\text{NC}_6\text{H}_4\text{SO}_3\text{H}$ . (1-Amino naphthalene-4-azobenzene-*p*-sulfonate).  
ST greenhouse red spider at 2%. 1481.
- 258-665-671-924-1218.  
Naphthylamine black;  $\text{H}_2\text{NC}_6\text{H}_4\text{N}:\text{NC}_6\text{H}_4\text{SO}_3\text{Na}$ .  
 $\text{H}_2\text{SO}_4$ .  
T moths, *Anthrenus*, *Attagenus*, and other pests. 650P, 1179.
- 258-665-671-952.  
Benzenesulfonic acid, 4-(4'-aminophenylazo)-;  $\text{H}_2\text{NC}_6\text{H}_4\text{N}:\text{NC}_6\text{H}_4\text{SO}_3\text{H}$ . (4-Amino azobenzene-4'-sulfonic acid).  
ST greenhouse red spider at 2%; NT southern army worm at 4%. 1481.
- 258-665-672-924-952-1218.  
Congo red R;  $\text{C}_{20}\text{H}_{12}\text{O}_8\text{Na}_2\text{S}_2$ . (Sodium diphenylazo-bis( $\alpha$ -naphthylaminesulfonate)-).  
NT clothes moth. 974, 1176.
- 258-665-691-952-1218.  
Methyl orange;  $\text{NaSO}_3\text{C}_6\text{H}_4\text{N}:\text{NC}_6\text{H}_4\text{N}(\text{CH}_3)_2$ . (Dimethyl aniline orange; gold orange; helianthin; mandarin orange; orange III; Porrier's orange III; sodium salt of sulphobenzene-azo-dimethyl aniline; trapaeoline D; trapaeoline).  
T *Lucilia cuprina* larvae; NT clothes moth. 849, 974, 1176.
- 258-671-851-951-..  
Metanilic acid, 2-chloro-;  $\text{Cl}(\text{NH}_2)\text{C}_6\text{H}_4\text{SO}_3\text{H}$ . (4-Chloroaniline-3-sulfonic acid). 363P.
- 258-671-851-951-1021.  
*m*-Toluenesulfonic acid, 2-amino-4-chloro-;  $\text{CH}_3(\text{NH}_2)(\text{Cl})\text{C}_6\text{H}_3\text{SO}_3\text{H}$ . (2-Chloro-4-amino-1-methylbenzene-5-sulfonic acid). 363P.
- 258-671-851-951-1021.  
*m*-Toluenesulfonic acid, 4-amino-3-chloro-;  $\text{CH}_3(\text{Cl})(\text{NH}_2)\text{C}_6\text{H}_3\text{SO}_3\text{H}$ . (3-Chloro-2-amino-1-methylbenzene-5-sulfonic acid). 363P.
- 258-671-852-951.  
Sulfanilic acid, 2, 5-dichloro-;  $\text{Cl}_2(\text{NH}_2)\text{C}_6\text{H}_3\text{SO}_3\text{H}$ . (2, 5-Dichloroaniline-4-sulfonic acid). 363P.
- 258-671-924.  
Naphthionic acid;  $\text{NH}_2\text{C}_6\text{H}_4\text{SO}_3\text{H} \cdot \frac{1}{2}\text{H}_2\text{O}$ . (1-Naphthylamine-4-sulfonic acid; 4-amino-1-naphthalene-sulfonic acid).  
NT silkworm. 559, 1432.
- 258-671-924.  
2-Naphthalenesulfonic acid, 8-amino-;  $\text{NH}_2\text{C}_6\text{H}_4\text{SO}_3\text{H} \cdot \text{H}_2\text{O}$ . (1-Naphthylamine-7-sulfonic acid). 363P.
- 258-671-924.  
2, 4-Naphthalenedisulfonic acid, 1-amino-;  $\text{NH}_2\text{C}_6\text{H}_4(\text{SO}_3\text{H})_2$ . (1-Naphthylamine-2, 4-disulfonic acid). 371P.
- 258-671-924.  
3, 6, 8-Naphthalenetrisulfonic acid, 1-amino-;  $\text{H}_2\text{NC}_6\text{H}_4(\text{SO}_3\text{H})_3$ . (1-Naphthylamine-3, 6, 8-trisulfonic acid).  
T as mothproofing agent. 331P, 1176.
- 258-671-924-951-1021.  
*p*-Toluenesulfonic acid, 1-naphthylamine salt;  $\text{CH}_3\text{C}_6\text{H}_4\text{SO}_3\text{H} \cdot \text{NH}_2\text{C}_6\text{H}_4\text{N}:\text{NC}_6\text{H}_4\text{SO}_3\text{H}$ . ( $\alpha$ -Naphthylamine *p*-toluene sulphonate).  
34% T culicine mosquito larvae. 172, 1178.
- 258-671-924-1114.  
Naphthionic acid, barium salt;  $(\text{H}_2\text{NC}_6\text{H}_4\text{SO}_3)_2\text{Ba}$ . (Barium naphthionate).  
NT *Pieris rapae*. 635.
- 258-671-924-1114.  
1-Naphthalenesulfonic acid, 2-amino-, barium salt;  $(\text{H}_2\text{NC}_6\text{H}_4\text{SO}_3)_2\text{Ba}$ . (Barium  $\beta$  naphthylamine sulfonic acid).  
NT *Pieris rapae*. 635.
- 258-671-924-1142.  
Naphthionic acid, copper salt;  $(\text{H}_2\text{NC}_6\text{H}_4\text{SO}_3)_2\text{Cu}$ . (Copper naphthionate).  
NT *Pieris rapae*. 635.
- 258-671-924-1142.  
1-Naphthalenesulfonic acid, 2-amino-, copper salt;  $(\text{H}_2\text{NC}_6\text{H}_4\text{SO}_3)_2\text{Cu}$ . (Copper  $\beta$  naphthylamine sulfonic acid).  
NT *Pieris rapae*. 635.
- 258-671-924-1166.  
Naphthionic acid, lead salt;  $(\text{H}_2\text{NC}_6\text{H}_4\text{SO}_3)_2\text{Pb}$ . (Lead naphthionate).  
NT *Pieris rapae*. 635.
- 258-671-924-1166.  
1-Naphthalenesulfonic acid, 2-amino-, lead salt;  $(\text{H}_2\text{NC}_6\text{H}_4\text{SO}_3)_2\text{Pb}$ . (Lead  $\beta$  naphthylamine sulfonic acid).  
NT *Pieris rapae*. 635.
- 258-671-924-1218.  
Naphthionic acid, sodium salt;  $\text{H}_2\text{NC}_6\text{H}_4\text{SO}_3\text{Na}$ . (Sodium naphthionate).  
T *Aphis rumicis*; NT *Pieris rapae*. 635.
- 258-671-951.  
Benzenesulfonic acid, *o*-amino-;  $\text{H}_2\text{NC}_6\text{H}_4\text{SO}_3\text{H}$ . (Orthanilic acid; *o*-anilinesulfonic acid).  
NT mosquito larvae. 172, 363P, 1178.
- 258-671-951.  
Metanilic acid;  $\text{H}_2\text{NC}_6\text{H}_4\text{SO}_3\text{H}$ . (*m*-Aminobenzene-sulfonic acid).  
26.2% T codling moth larvae. 915, 1432.
- 258-671-951.  
Sulfanilic acid;  $\text{H}_2\text{NC}_6\text{H}_4\text{SO}_3\text{H}$ . (*p*-Aminobenzene-sulfonic acid; *p*-anilinesulfonic acid).  
45% T codling moth larvae; NT *Melanoplus m. mexicanus*. 331P, 915, 1150, 1176, 1432.
- 258-671-951-1021.  
*m*-Toluenesulfonic acid, 2-amino-;  $\text{H}_2\text{N}(\text{CH}_3)\text{C}_6\text{H}_4\text{SO}_3\text{H}$ . (4-Amino-1-methylbenzene-5-sulfonic acid). 363P.
- 258-671-951-1022.  
3, 5-Xylenesulfonic acid, 2-amino-;  $\text{H}_2\text{N}(\text{CH}_3)_2\text{C}_6\text{H}_3\text{SO}_3\text{H}$ . (1, 3-Dimethyl-4-aminobenzene-5-sulfonic acid). 363P.
- 258-671-951-1142.  
Sulfanilic acid, copper salt;  $(\text{H}_2\text{NC}_6\text{H}_4\text{SO}_3)_2\text{Cu}$ . (Copper sulfanilic acid).  
ST *Pieris rapae*. 635.
- 258-671-951-1166.  
Sulfanilic acid, lead salt;  $(\text{H}_2\text{NC}_6\text{H}_4\text{SO}_3)_2\text{Pb}$ .  
NT *Pieris rapae*. 635.
- 258-671-952-1021.  
*p*-Toluenesulfonic acid, aniline salt;  $\text{CH}_3\text{C}_6\text{H}_4\text{SO}_3\text{H} \cdot \text{NH}_2\text{C}_6\text{H}_5$ . (Aniline *p*-toluene sulphonate).  
NT culicine mosquito larvae. 172, 1178.
- 258-671-952-1021.  
*p*-Toluenesulfonic acid, sulfanilic acid salt;  $\text{CH}_3\text{C}_6\text{H}_4\text{SO}_3\text{H} \cdot \text{H}_2\text{NC}_6\text{H}_4\text{SO}_3\text{H}$ . (Sulphanilic acid, *p*-toluene sulphonate).  
NT culicine mosquito larvae. 172, 1178.
- 258-671-961-1027.  
Sulfonic acids, substituted, cyclohexylamine salt,  $\text{C}_6\text{H}_{11}\text{NH}_2\text{HSO}_3\text{YR} \cdot \text{XR}$ .  
In which R is a substituted or unsubstituted hydrocarbon radical, X is oxygen, S or  $\text{SO}_2$ , R' is an alkylene group, and Y is oxygen or may be absent. 282P, 1432.
- 258-671-983-1389.  
9-Octadecanesulfonic acid, 1-amino-, sulfate;  $\text{CH}_3(\text{CH}_2)_7\text{CH}(\text{SO}_3\text{H})\text{CH}_2(\text{CH}_2)_7\text{CH}_2\text{NH}_2\text{H}_2\text{SO}_4$ . 71P.
- 258-671-988-1027.  
Sulfonic acids, substituted, cetylamine salt,  $\text{C}_{18}\text{H}_{35}\text{NH}_2\text{HSO}_3\text{YR} \cdot \text{XR}$ .  
In which R is a substituted or unsubstituted hydrocarbon radical, X is oxygen, S or  $\text{SO}_2$ , R' is an alkylene group, and Y is oxygen or may be absent. 282P, 1432.
- 258-671-989-1022-1027.  
Sulfonic acids, substituted, dodecylmethylamine salt,  $\text{C}_{12}\text{H}_{25}\text{NCH}_2\text{HSO}_3\text{YR} \cdot \text{XR}$ .  
In which R is a substituted or unsubstituted hydrocarbon radical, X is oxygen, S or  $\text{SO}_2$ , R' is an alkylene group, and Y is oxygen or may be absent. 282P, 1432.
- 258-672-951.  
1, 3-Benzenedisulfonic acid, 2, 4-diamino-;  $(\text{SO}_3\text{H})_2\text{C}_6\text{H}_3(\text{NH}_2)_2$ . (1, 3-Phenylenediamine-4, 6-disulfonic acid). 363P.

- 258-730.  
3-Pyridinesulfonic acid;  $C_5H_4N(SO_3H)$ . (Pyridine- $\beta$ -sulfonic acid).  
T *Aphis rumicis* on nasturtium. 1163, 1178.
- 258-730-740-1021-1045.  
Sulfonic acids, substituted, nicotine salt, CU;  $C_{10}H_{11}N_2HSO_3YR'XR$ .  
In which R is a substituted or unsubstituted hydrocarbon radical, X is oxygen, S or  $SO_2$ , R' is an alkylene group, and Y is oxygen or may be absent. 282P, 1432.
- 258-730-950.  
8-Quinoline sulfonic acid;  $HO_2SC_8H_6N$ .  
NT *Pieris rapae*. 635.
- 258-730-950.  
Acridinesulfonic acid, CU;  $HO_2SC_{13}H_9N$ .  
T as mothproofing agent. 331P, 1176.
- 258-730-950-1027.  
Sulfonic acids, substituted, quinoline salt, CU;  $C_8H_7NHSO_3YR'XR$ .  
In which R is a substituted or unsubstituted hydrocarbon radical, X is oxygen, S or  $SO_2$ , R' is an alkylene group, and Y is oxygen or may be absent. 282P, 1432.
- 258-730-950-1114.  
8-Quinoline sulfonic acid, barium salt;  $Ba(O_2SC_8H_6N)_2$ .  
NT *Pieris rapae*. 635.
- 258-730-950-1114.  
8-Quinoline sulfonic acid, barium salt;  $Ba(O_2SC_8H_6N)_2$ .  
NT *Pieris rapae*. 635.
- 258-730-950-1126.  
4-Isoquinolinesulfonic acid, calcium salt;  $Ca(O_2SC_8H_6N)_2$ . (Calcium salt 6-isquinoline, 8-sulfonic acid).  
NT *Pieris rapae*. 635.
- 258-730-950-1142.  
5-Quinolinesulfonic acid, copper salt;  $Cu(O_2SC_8H_6N)_2$ .  
NT *Pieris rapae*. 635.
- 258-730-950-1142.  
8-Quinolinesulfonic acid, copper salt;  $Cu(O_2SC_8H_6N)_2$ .  
NT *Pieris rapae*. 635.
- 258-730-950-1166.  
8-Quinolinesulfonic acid, lead salt,  $Pb(O_2SC_8H_6N)_2$ .  
NT *Pieris rapae*. 635.
- 258-730-950-1218.  
5-Quinolinesulfonic acid, sodium salt;  $NaO_2SC_8H_6N$ .  
NT *Pieris rapae*. 635.
- 258-730-950-1218.  
8-Quinolinesulfonic acid, sodium salt;  $NaO_2SC_8H_6N$ .  
NT *Pieris rapae*. 635.
- 258-730-950-1218.  
4-Isoquinolinesulfonic acid, sodium salt;  $NaO_2SC_8H_6N$ .  
NT *Pieris rapae*. 635.
- 258-730-1027.  
Sulfonic acids, substituted, piperidine salts, CU;  $C_8H_{10}NNHSO_3YR'XR$ .  
In which R is a substituted or unsubstituted hydrocarbon radical, X is oxygen, S or  $SO_2$ , R' is an alkylene group, and Y is oxygen or may be absent. 282P, 1432.
- 258-730-1027.  
Sulfonic acids, substituted, pyridine salt, CU;  $C_5H_4NHSO_3YR'XR$ .  
In which R is a substituted or unsubstituted hydrocarbon radical, X is oxygen, S or  $SO_2$ , R' is an alkylene group, and Y is oxygen or may be absent. 282P, 1432.
- 258-740-851-950-1011.  
Carbazolesulfonic acid, chloro-9-ethyl-? ( $ClC_8H_6N$ )-( $C_2H_5SO_3H$ )? (Carbazolesulfonic acid, N-ethyl-chloro-).  
T as mothproofing agent. 873P, 1176.
- 258-781-852-953-1023.  
m-Toluenesulfonic acid,  $\alpha,\alpha$ -bis(p-chlorobenzylthio)-;  $HO_2SC_6H_4CH(SCH_2C_6H_4Cl)_2$ .  
T as mothproofing agent. 523P.
- 258-781-852-953-1023.  
o-Toluenesulfonic acid,  $\alpha,\alpha$ -bis(p-chlorobenzylthio)-;  $HO_2SC_6H_4CH(SCH_2C_6H_4Cl)_2$ .  
T as mothproofing agent. 523P.
- 258-843-952-1021.  
p-Toluenesulfonic acid, 2, 4, 6-tribromophenyl ester;  $Br_3C_6H_2OSO_3C_6H_4CH_3$ .  
NT as mothproofing agent. 239.
- 258-851-924-954-1021-1193.  
Phosphonium compound, chlorobenzyltriphenyl- $\alpha$ -naphthalenesulphonate;  $(ClC_6H_4CH_2)(C_6H_5)_3PSO_3C_{10}H_7$ .  
T as mothproofing agent. 871P, 1179.
- 258-851-924-1114.  
2-Naphthalenesulphonic acid, chloro-, barium salt, CU;  $(ClC_{10}H_7SO_3)_2Ba$ .  
T as mothproofing agent. 982P, 983P, 1176.
- 258-851-924-1114.  
Naphthalenedisulfonic acid, chloro-, barium salt, CU;  $ClC_{10}H_6(SO_3)_2Ba$ .  
T as mothproofing agent. 982P, 983P, 1176.
- 258-851-924-1168.  
2-Naphthalenesulphonic acid, chloro-, lithium salt, CU;  $ClC_{10}H_6SO_3Li$ .  
T as mothproofing agent. 982P, 983P, 1176.
- 258-851-924-1168.  
Naphthalenedisulphonic acid, chloro-, lithium salt, CU;  $ClC_{10}H_6(SO_3Li)_2$ .  
T as mothproofing agent. 982P, 983P, 1176.
- 258-851-924-1196.  
2-Naphthalenesulphonic acid, chloro-, potassium salt, CU;  $ClC_{10}H_6SO_3K$ .  
T as mothproofing agent. 982P, 983P, 1176.
- 258-851-924-1196.  
Naphthalenedisulphonic acid, chloro-, potassium salt, CU;  $ClC_{10}H_6(SO_3K)_2$ .  
T as mothproofing agent. 982P, 983P, 1176.
- 258-851-924-1218.  
2-Naphthalenesulphonic acid, chloro-, sodium salt, CU;  $ClC_{10}H_6SO_3Na$ .  
T as mothproofing agent. 982P, 983P, 1176.
- 258-851-924-1218.  
Naphthalenedisulphonic acid, chloro-, sodium salts, CU;  $ClC_{10}H_6(SO_3Na)_2$ .  
T as mothproofing agent. 982P, 983P, 1176.
- 258-851-951.  
Benzenesulphonic acids, chloro-, CU;  $ClC_6H_4SO_3H$ .  
T as mothproofing agent. 982P, 1176.
- 258-851-951-1011-1021.  
p-Toluenesulfonic acid,  $\beta$ -chloroethyl ester;  $CH_3C_6H_4SO_3CH_2CH_2Cl$ .  
T Codling moth larvae. 915, 929, 930, 1432.
- 258-851-951-1021.  
p-Toluenesulfonic acid,  $\alpha$ -chloro-;  $ClCH_2C_6H_4SO_3H$ . (Benzylchloride p-sulphonic acid).  
T as mothproofing agent. 413P, 1175.
- 258-851-951-1021.  
Toluenesulfonic acid,  $\alpha$ -chloro-, CU;  $ClCH_2C_6H_4SO_3H$ . (Benzylchloride sulphonic acid).  
T as mothproofing agent. 1175, 1453P.
- 258-851-951-1021-1114.  
o-Toluenesulfonic acid, chloro-, barium salt, CU;  $[ClC_6H_4(CH_3)SO_3]_2Ba$ . (Barium salt of chloro-orthocresol sulfonic acid).  
NT *Pieris rapae*. 635.
- 258-851-951-1218.  
Benzenesulphonic acid, chloro-, sodium salt, CU;  $ClC_6H_4SO_3Na$ .  
T as mothproofing agent. 982P, 983P, 1176.
- 258-851-952.  
Benzenesulfonic acid, 4-chloro-, phenyl ester;  $ClC_6H_4SO_3C_6H_5$ . (Phenyl ester of p-chlorobenzenesulfonic acid).  
NT as mothproofing agent. 239.
- 258-851-952-1021.  
p-Toluenesulfonic acid, 2'-chlorophenyl ester;  $CH_3C_6H_4SO_3C_6H_4Cl$ . (o-Chlorophenyl ester of p'-toluenesulfonic acid; 2-chlorophenyl-4-toluenesulfonate).  
NT silkworm and as mothproofing agent. 239, 559, 1432.
- 258-851-952-1021.  
p-Toluenesulfonic acid, 4'-chlorophenyl ester;  $CH_3C_6H_4SO_3C_6H_4Cl$ . (p-Chlorophenyl ester of p'-toluenesulfonic acid; 4-chlorophenyl-4-toluenesulfonate).  
NT silkworm and as mothproofing agent. 239, 559, 1432.
- 258-851-952-1022.  
p-Toluenesulfonic acid, 4-chloro-m-tolyl ester;  $CH_3$ -

- $\text{C}_6\text{H}_4\text{SO}_3\text{C}_6\text{H}_4(\text{CH}_3)\text{Cl}$ .  
NT as mothproofing agent. 239.
- 258-852-951-1021.  
 $\alpha$ -Toluenesulphonic acid, 2, 4-dichloro-;  $\text{Cl}_2\text{C}_6\text{H}_3\text{CH}_2\text{SO}_3\text{H}$ . (2, 4-Dichloro-benzyl- $\omega$ -sulphonic acid).  
T as mothproofing agent. 413P, 1175.
- 258-852-951-1021.  
 $\alpha$ -Toluenesulphonic acid, dichloro-, CU;  $\text{Cl}_2\text{C}_6\text{H}_3\text{CH}_2\text{SO}_3\text{H}$ . (Dichloro benzyl- $\omega$ -sulphonic acid).  
T as mothproofing agent. 1175, 1393P.
- 258-852-952.  
Benzenesulphonic acid, 3, 4-dichloro-, phenyl ester;  $\text{Cl}_2\text{C}_6\text{H}_3\text{SO}_2\text{C}_6\text{H}_5$ . (Phenyl ester of 3, 4-dichlorobenzenesulphonic acid).  
NT as mothproofing agent. 239.
- 258-852-952-1021.  
 $p$ -Toluenesulphonic acid, 2', 4'-dichloro-, phenyl ester;  $\text{CH}_3\text{C}_6\text{H}_4\text{SO}_2\text{C}_6\text{H}_3\text{Cl}_2$ . (2, 4-Dichlorophenyl-4- $p$ -toluene sulfonate).  
NT *Bombyx mori* larvae and as mothproofing agent. 239, 559, 1432.
- 258-854-952.  
Benzenesulphonic acid, 3, 4-dichloro-2', 4'-dichlorophenyl ester;  $\text{Cl}_2\text{C}_6\text{H}_3\text{SO}_2\text{C}_6\text{H}_3\text{Cl}_2$ .  
NT as mothproofing agent. 239.
- 258-861-924.  
1-Naphthalenesulphonic acid, 5-fluoro-;  $\text{FC}_{10}\text{H}_7\text{SO}_3\text{H}$ .  
T as mothproofing agent. 411P, 425P, 1175, 1399P.
- 258-924.  
2-Naphthalenesulphonic acid;  $\text{C}_{10}\text{H}_7\text{SO}_3\text{H}$ . (Naphthalene- $\beta$ -sulphonic acid).  
T as mothproofing agent; NT *Bombyx mori* larvae. 559, 982P, 983P, 1176, 1432.
- 258-924.  
Naphthalenesulphonic acid, CU;  $\text{C}_{10}\text{H}_7\text{SO}_3\text{H}$ .  
T as mothproofing agent. 425P, 983P, 1175, 1176, 1399P.
- 258-924-954-1021-1193.  
Phosphonium  $\alpha$ -naphthalenesulfonate, benzyltri-phenyl-;  $(\text{C}_6\text{H}_5\text{CH}_2)(\text{C}_6\text{H}_5)_3\text{PSO}_2\text{C}_{10}\text{H}_7$ .  
T as mothproofing agent. 867P, 871P, 1175, 1176.
- 258-924-1002.  
Naphthalenesulphonic acid, dibutyl-, CU;  $(\text{C}_4\text{H}_9)_2\text{C}_{10}\text{H}_7\text{SO}_3\text{H}$ .  
T as mothproofing agent. 509P, 1175.
- 258-924-1003-1218.  
Naphthalenesulphonic acid, isopropyl-, sodium salt, CU;  $\text{C}_6\text{H}_7\text{C}_{10}\text{H}_7\text{SO}_3\text{Na}$ .  
T as mothproofing agent. 460P, 1175, 1176, 1358P.
- 258-924-1004.  
Naphthalenesulphonic acid, diisopropyl-, CU. 838P, 1432.
- 258-924-1021-1114.  
Naphthalenesulphonic acid, methyl-, barium salt, CU;  $(\text{CH}_3\text{C}_{10}\text{H}_7\text{SO}_3)_2\text{Ba}$ . (Barium methyl-naphthalene sulfonic acid).  
NT *Pieris rapae*. 635.
- 258-924-1021-1218.  
Naphthalenesulphonic acid, methyl-, sodium salt, CU;  $\text{CH}_3\text{C}_{10}\text{H}_7\text{SO}_3\text{Na}$ . (Sodium methyl-naphthalene sulfonic acid).  
NT *Pieris rapae*. 635.
- 258-924-1027.  
Naphthalenesulphonic acid, alkyl-, CU;  $\text{RC}_{10}\text{H}_7\text{SO}_3\text{H}$ . (Naphthalene mono-sulphonic acid, alkyl derivatives of).  
T aphids and as mothproofing agent. 372P, 509P, 1167P, 1175, 1176.
- 258-924-1027.  
Naphthalene poly-sulphonic acids, alkyl-, CU.  
T as mothproofing agent. 1167P, 1176.
- 258-924-1106.  
1-Naphthalenesulphonic acid, aluminum salt;  $(\text{C}_{10}\text{H}_7\text{SO}_3)_3\text{Al}$ .  
T as mothproofing agent. 1167P, 1176, 1417P.
- 258-924-1106.  
2-Naphthalenesulphonic acid, aluminum salt;  $(\text{C}_{10}\text{H}_7\text{SO}_3)_3\text{Al}$ .  
T as mothproofing agent. 1167P, 1176, 1417P.
- 258-924-1109.  
2-Naphthalenesulphonic acid, ammonium salt;  $\text{C}_{10}\text{H}_7\text{SO}_3\text{NH}_4$ . (Ammonium naphthalene  $\beta$ -sulfonic acid).  
NT *Pieris rapae*. 635.
- 258-924-1142.  
Naphthalenesulphonic acid, copper salt, CU;  $(\text{C}_{10}\text{H}_7\text{SO}_3)_2\text{Cu}$ . (Copper naphthalene sulfonate).  
NT *Pieris rapae*. 635.
- 258-924-1166.  
Naphthalenesulphonic acid, lead salt, CU;  $(\text{C}_{10}\text{H}_7\text{SO}_3)_2\text{Pb}$ . (Lead naphthalene sulfonate).  
NT *Pieris rapae*. 635.
- 258-924-1218.  
Naphthalenesulphonic acid, sodium salt, CU;  $\text{C}_{10}\text{H}_7\text{SO}_3\text{Na}$ . (Sodium naphthalene sulfonate).  
ST *Pieris rapae*. 635.
- 258-924-1218.  
2-Naphthalenesulphonic acid, sodium salt;  $\text{C}_{10}\text{H}_7\text{SO}_3\text{Na}$ . (Sodium naphthalene  $\beta$  sulfonic acid).  
NT *Pieris rapae*. 635.
- 258-924-1244.  
1-Naphthalenesulphonic acid, zinc salt;  $(\text{C}_{10}\text{H}_7\text{SO}_3)_2\text{Zn}$ .  
T as mothproofing agent. 1176, 1416P, 1417P.
- 258-924-1244.  
2-Naphthalenesulphonic acid, zinc salt;  $(\text{C}_{10}\text{H}_7\text{SO}_3)_2\text{Zn}$ .  
T as mothproofing agent. 1176, 1416P, 1417P.
- 258-951.  
Benzenesulphonic acid;  $\text{C}_6\text{H}_5\text{SO}_3\text{H}$ .  
T as mothproofing agent; ST screwworms at m.l.c. 0.67%, 156, 331P, 982P, 1176, 1407.
- 258-951-1001-1021.  
 $p$ -Toluenesulphonic acid, butyl ester;  $\text{CH}_3\text{C}_6\text{H}_4\text{SO}_2\text{C}_4\text{H}_9$ . ( $n$ -Butyl  $p$ -toluenesulfonate).  
NT *Chrysomphalus aurantii*. 298, 1178.
- 258-951-1003-1021.  
 $p$ -Toluenesulphonic acid, propyl ester;  $\text{CH}_3\text{C}_6\text{H}_4\text{SO}_2\text{C}_3\text{H}_7$ .  
93.8% T codling moth larvae. 915, 1432.
- 258-951-1021.  
 $\alpha$ -Toluenesulphonic acid;  $\text{C}_6\text{H}_4\text{CH}_2\text{SO}_3\text{H}$ . (Benzyl- $\omega$ -sulphonic acid).  
T as mothproofing agent. 413P, 1175.
- 258-951-1021-1196-1312.  
 $\alpha$ -Toluenesulphonic acid, hydrofluoride, potassium salt;  $\text{CH}_3\text{C}_6\text{H}_4\text{SO}_3\text{K.HF}$ .  
T as mothproofing agent. 642P, 1175.
- 258-951-1021-1218.  
 $p$ -Toluenesulphonic acid, sodium salt;  $\text{CH}_3\text{C}_6\text{H}_4\text{SO}_3\text{Na}$ . (Sodium  $p$ -toluenesulfonate).  
T as mothproofing agent; NT codling moth. 461P, 915, 1178.
- 258-951-1021-1218-1312.  
 $\alpha$ -Toluenesulphonic acid, hydrofluoride, sodium salt;  $\text{CH}_3\text{C}_6\text{H}_4\text{SO}_3\text{Na.HF}$ .  
T as mothproofing agent. 642P, 1175.
- 258-951-1218.  
Benzenesulphonic acid, sodium salt;  $\text{C}_6\text{H}_5\text{SO}_3\text{Na}$ .  
T as mothproofing agent. 982P, 983P, 1176.
- 258-951-1218.  
Benzenedisulphonic acid, sodium salt; CU;  $\text{C}_6\text{H}_4(\text{SO}_3\text{Na})_2$ .  
T as mothproofing agent. 982P, 983P, 1176.
- 258-952.  
Biphenylsulphonic acid, sodium salt, CU;  $\text{C}_6\text{H}_5\text{C}_6\text{H}_4\text{SO}_3\text{Na}$ . (Sodium diphenyl sulfonate).  
NT *Pieris rapae*. 635.
- 258-952-1021.  
 $p$ -Toluenesulphonic acid, phenyl ester;  $\text{CH}_3\text{C}_6\text{H}_4\text{SO}_2\text{C}_6\text{H}_5$ .  
NT as mothproofing agent. 239.
- 258-952-1022.  
 $p$ -Toluenesulphonic acid,  $o$ -tolyl ester;  $\text{CH}_3\text{C}_6\text{H}_4\text{SO}_2\text{C}_6\text{H}_4\text{CH}_3$ .  
NT as mothproofing agent. 239.
- 258-952-1218.  
Sulfonic acid derivatives, CU. 178, 662, 1086, 1432.
- 258-953-1021.  
Benzenesulphonic acid,  $o$ ,  $o'$ ,  $o''$ -methylidynetris-;  $\text{CH}(\text{C}_6\text{H}_4\text{SO}_3\text{H})_3$ . (Methane,  $o$ -sulphotriphenyl-).  
T as mothproofing agent. 438P, 1179.
- 258-975.  
Sulfonic acids, aryl-, CU. 1397P, 1432.
- 258-975-1220.  
Sulfonic acids, strontium salts;  $(\text{RSO}_3)_2\text{Sr}$ . (Strontium sulphonates).  
T as mothproofing agent. 872P, 1170.

- 258-1027.  
Sulfonates, alkyl-. 32EP, 282P, 500P, 748P, 1432.
- 258-1027-1113.  
Sulfonic acids, substituted, arsenic salt, CU; As-(SO<sub>2</sub>YR'XR)<sub>2</sub>.  
In which R is a substituted or unsubstituted hydrocarbon radical, X is oxygen, S, or SO<sub>2</sub>, R' is an alkylene group, and Y is oxygen or may be absent. 282P, 1432.
- 258-1027-1142.  
Sulfonic acids, substituted, copper salt, CU; Cu-(SO<sub>2</sub>YR'XR)<sub>2</sub>.  
In which R is a substituted or unsubstituted hydrocarbon radical, X is oxygen, S, or SO<sub>2</sub>, R' is an alkylene group, and Y is oxygen or may be absent. 282P, 1432.
- 258-1027-1176.  
Sulfonic acids, substituted, mercury salt, CU; Hg-(SO<sub>2</sub>YR'XR)<sub>2</sub>.  
In which R is a substituted or unsubstituted hydrocarbon radical, X is oxygen, S, or SO<sub>2</sub>, R' is an alkylene group, and Y is oxygen or may be absent. 282P, 1432.
- 258-1027-1227.  
Sulfonic acids, substituted, tellurium salt, CU; Te-(SO<sub>2</sub>YR'XR)<sub>2</sub>.  
In which R is a substituted or unsubstituted hydrocarbon radical, X is oxygen, S, or SO<sub>2</sub>, R' is an alkylene group, and Y is oxygen or may be absent. 282P, 1432.
- 258-1045.  
Sulfonic acids, CU.  
T as mothproofing agent. 77P, 331P, 372P, 460P, 470P, 867P, 1137P, 1175, 1176, 1358P.
- 258-1045-1218.  
Sulfonic acids, sodium salt, CU. 1432, 1446.
- 261-671-700-1021.  
Formamidine sulfonic acid? H<sub>2</sub>NC(:NH)SO<sub>2</sub>H.  
T Colorado potato beetle, Mexican bean beetle, and cotton leaf worm. 722P.
- 261-924.  
1, 5-Naphthalenedisulphonic acid; C<sub>10</sub>H<sub>6</sub>(SO<sub>2</sub>H)<sub>2</sub>.  
20% T culicine mosquito larvae. 172, 1178.
- 261-924.  
2, 8-Naphthalenedisulphonic acid; C<sub>10</sub>H<sub>6</sub>(SO<sub>2</sub>H)<sub>2</sub>.  
NT culicine mosquito larvae. 172, 1178.
- 261-951-1021-1218.  
p-Toluenesulfonic acid, sodium salt; CH<sub>3</sub>C<sub>6</sub>H<sub>4</sub>SO<sub>2</sub>Na.  
NT codling moth larvae. 915, 1432.
- 261-1045.  
Sulfonic acids, CU.  
T as mothproofing agent. 867P, 1175.
- 264-301-950.  
Phenoxathiin, 10-dioxo-; (C<sub>12</sub>H<sub>8</sub>OS)<sub>2</sub>O<sub>2</sub>. (Phenthioxine dioxide).  
ST greenhouse red spider at 2%; NT southern army worm at 4%. 1481.
- 264-440-950-1021.  
Phenothiazine, N-methyl-5-dioxo-; CH<sub>3</sub>(C<sub>12</sub>H<sub>8</sub>NS)<sub>2</sub>O<sub>2</sub>. (N-Methyl diphenylamine sulfone).  
NT Mexican bean beetle 606.
- 264-591-952-1011.  
Phenetole, p-phenylsulfonfyl-; C<sub>6</sub>H<sub>5</sub>SO<sub>2</sub>C<sub>6</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>5</sub>.  
MT as mothproofing agent. 239.
- 264-592-852-954-1022.  
Sulfone, bis(2-benzoyloxy-5-chlorophenyl)-; [C<sub>6</sub>H<sub>5</sub>-CH<sub>2</sub>OC<sub>6</sub>H<sub>3</sub>(Cl)]<sub>2</sub>SO<sub>2</sub>. (Sulfone, bis(5-chloro-2-phenylmethoxyphenyl)-).  
Fly spray. 112, 688P, 690P, 691P, 692P, 693P, 694P, 695P, 696P.
- 264-592-954-1022.  
Sulfone, bis(p-benzoyloxyphenyl)-; (C<sub>6</sub>H<sub>5</sub>CH<sub>2</sub>OC<sub>6</sub>H<sub>4</sub>)<sub>2</sub>SO<sub>2</sub>. (Sulfone, bis(4-phenylmethoxy phenyl)-).  
Fly spray. 112, 688P, 690P, 691P, 692P, 693P, 694P, 695P, 696P.
- 264-681-952-1012-1022.  
Diethylamine, 2, 2'-bis-(p-tolylsulfonfyl)-; (CH<sub>3</sub>C<sub>6</sub>H<sub>4</sub>SO<sub>2</sub>C<sub>2</sub>H<sub>5</sub>)<sub>2</sub>NH. (Bis[β-(p-tolylsulfonfyl)ethyl]amine. 772).
- 264-652-952.  
Sulfone, bis(p-chlorophenyl)-; (ClC<sub>6</sub>H<sub>4</sub>)<sub>2</sub>SO<sub>2</sub>. (p, p'-Dichlorophenyl sulfone).  
68.6% T corn borer. 1120.
- 264-863-951-1021.  
Sulfone, phenyltrifluoromethyl, CU; RSO<sub>2</sub>CF<sub>3</sub>.  
R is a substituted or unsubstituted C<sub>6</sub>H<sub>5</sub> radical. 342P.
- 264-952.  
Sulfone, diphenyl-; (C<sub>6</sub>H<sub>5</sub>)<sub>2</sub>SO<sub>2</sub>. (Phenyl sulfone; phenylsulfonylbenzene; benzene sulfone; sulfolbenzene).  
100% T culicine mosquito larvae; NT as mothproofing agent. 172, 239, 1178.
- 264-952-1022.  
Sulfone, bis-(p-tolyl)-; (CH<sub>3</sub>C<sub>6</sub>H<sub>4</sub>)<sub>2</sub>SO<sub>2</sub>. (p-Tolyl sulfone).  
NT as mothproofing agent. 239.
- 264-991-1001.  
Sulfone, butyldecyl-; C<sub>4</sub>H<sub>9</sub>SO<sub>2</sub>C<sub>10</sub>H<sub>21</sub>.  
T houseflies. 1276.
- 264-1001-1012.  
Trional; C<sub>2</sub>H<sub>5</sub>(CH<sub>3</sub>)C(SO<sub>2</sub>C<sub>2</sub>H<sub>5</sub>)<sub>2</sub>. (2, 2-Bis(ethylsulfonfyl)butane).  
NT culicine mosquito larvae. 172, 1178.
- 264-1002.  
Sulfone, dibutyl-; (C<sub>4</sub>H<sub>9</sub>)<sub>2</sub>SO<sub>2</sub>. (n-Butyl sulfone; 1-(butylsulfonfyl)butane; di-n-butyl sulfone).  
NT as mothproofing agent. 239.
- 264-1003-1012.  
Sulphonal; (CH<sub>3</sub>)<sub>2</sub>C(SO<sub>2</sub>C<sub>2</sub>H<sub>5</sub>)<sub>2</sub>. ([2, 2-Bis(ethylsulfonfyl) propane]).  
NT culicine mosquito larvae at 1-10,000. 172, 1178.
- 265-301-950.  
Phenoxathiin, 10-oxo-; (C<sub>12</sub>H<sub>8</sub>OS)<sub>2</sub>O. (Phenothioxin-S-oxide).  
ST greenhouse red spider; NT mosquito larvae and NT southern army worm at 4%. 487.
- 265-402-1012-1022.  
Sulfoxide, bis(2-thiocyanethyl)-; (NCSC<sub>2</sub>H<sub>4</sub>CH<sub>2</sub>)<sub>2</sub>-S-O. (Bis(β-thiocyanethyl) sulfoxide).  
Fly spray. 112, 1032P.
- 265-440-950.  
Phenothiazine, 5-oxo-; (C<sub>12</sub>H<sub>8</sub>NS)<sub>2</sub>O. (Phenothiazine-S-oxide).  
NT mosquito larvae. 156, 487, 1291.
- 265-592-954-1022.  
Sulfoxide, bis(p-benzoyloxyphenyl)-; (C<sub>6</sub>H<sub>5</sub>CH<sub>2</sub>OC<sub>6</sub>H<sub>4</sub>)<sub>2</sub>S-O.  
Fly spray. 112, 688P, 690P, 691P, 692P, 693P, 694P, 695P, 696P.
- 265-852-1012.  
Sulphoxide, bis(chloroethyl)-; (ClC<sub>2</sub>H<sub>4</sub>)<sub>2</sub>S-O.  
Caused serious burning when used as dust on bean foliage. 1008, 1178.
- 265-952.  
Sulfoxide, diphenyl-; (C<sub>6</sub>H<sub>5</sub>)<sub>2</sub>S-O.  
88% T *Culex quinquefasciatus*; MT codling moth larvae. 157, 172, 1178, 1291.
- 267-377-951-997-1021.  
Pseudourea, 2-caproyl 3-phenyl 2-thio-? C<sub>6</sub>H<sub>5</sub>NH-COSC-(NH)NHC<sub>6</sub>H<sub>5</sub>.  
T as mothproofing agent. 416P, 424P, 437P, 683P, 1175, 1179.
- 267-460-625-950-1021.  
Benzothiazole, 2-(2-furoylmercapto)-; (C<sub>7</sub>H<sub>4</sub>NS)-SCO(C<sub>4</sub>H<sub>3</sub>O).  
44% T mosquito larvae. 487.
- 267-460-950-951-1021.  
Benzoic acid, thiol-, 2-benzothiazolyl ester; (C<sub>7</sub>H<sub>4</sub>NS)SCOC<sub>6</sub>H<sub>5</sub>. (2-(1?)-(Benzoylmercapto) benzothiazole).  
70% T codling moth larvae and MT mosquito larvae. 487, 1291.
- 267-460-950-951-1022.  
Phthalic acid, dithiol-, di-2-benzothiazolyl ester; ((C<sub>7</sub>H<sub>4</sub>NS)SCO)<sub>2</sub>C<sub>6</sub>H<sub>4</sub>. (Bis-(1-benzothiazolyl)phthalyl disulfide).  
70% T codling moth larvae. 1291.
- 267-532-952-1022.  
Disulfide, bis(hydroxybenzoyl)-; (HOCC<sub>6</sub>H<sub>4</sub>COS)-. (Benzoic acid disulphide, bis-hydroxy).  
T as mothproofing agent. 459P, 1178.
- 267-552-952-1024.  
Disulfide, bis(o-carboxybenzoyl)-; (HOCC<sub>6</sub>H<sub>4</sub>COS)-. 38P.
- 267-999-1011.  
Acetic acid, thiol-, amyl ester; CH<sub>3</sub>COSC<sub>5</sub>H<sub>11</sub>. (Amyl thiolacetate).  
84-98% T *Lucilia sericata* larvae. 723.
- 267-1001-1011.  
Acetic acid, thiol-, butyl ester; CH<sub>3</sub>COSC<sub>4</sub>H<sub>9</sub>. (n-

- Butyl thiolacetate).  
84-100% T *Lucilia sericata* larvae. 723.
- 267-1001-1011.  
Acetic acid, thiol-, *tert*-butyl ester;  $\text{CH}_3\text{COSC-}$   
( $\text{CH}_3$ )<sub>2</sub>. (Tertiary butyl acetyl sulfide).  
T *Lucilia sericata*. 12P, 1276.
- 267-1001-1011-1030.  
Acetic acid, thiol-, 3-(2-methylpropenyl) ester;  $\text{CH}_3\text{-}$   
 $\text{COSC}(\text{CH}_3)\text{C}(\text{CH}_3)=\text{CH}_2$ . (Methallyl acetyl sulfide).  
T *Lucilia sericata*. 12P, 1276.
- 267-1011.  
Acetic acid, thiol-,  $\text{CH}_3\text{COSH}$ . (Ethanethiolic acid;  
methanecarboethiolic acid).  
100% T rice weevil; NT *Chrysomphalus aurantii*.  
268, 1178, 1180.
- 267-1012.  
Acetic acid, thiol-, ethyl ester;  $\text{CH}_3\text{COSC}_2\text{H}_5$ . (Ethyl  
thioacetate; ethyl sulfide).  
T *Lucilia sericata*; MT confused flour beetle and  
granary weevil; ST red scale. 12P, 268, 1178,  
1276, 1279, 1432.
- 267-1013.  
Oxalic acid, dithiol-, diethyl ester;  $(-\text{COSC}_2\text{H}_5)_2$ .  
(Diethyldithio oxalate).  
NT *Bombyx mori* larvae. 559, 1432.
- 301-801-852-950-1023-1399.  
Phenoxathiium methyl sulfate, 1, 3-dichloro-6, 10-  
dimethyl-,  $\text{Cl}_2(\text{C}_{12}\text{H}_8\text{OS})(\text{CH}_3)_2\text{CH}_2\text{SO}_4$ . (1, 3-Di-  
chloro-6-methyl-8-methyl-o-phenylene oxide-sulfonium  
methoxysulfate). 526P.
- 301-801-950-951-1291.  
Phenoxathiium chloride, 10-phenyl-,  $\text{Cl}(\text{C}_{12}\text{H}_8\text{OS})\text{-}$   
 $\text{C}_6\text{H}_5$ . (S-Phenyl-di-o-phenylene oxide sulfonium  
chloride). 526P.
- 301-801-950-1000-1022-1399.  
Phenoxathiium methyl sulfate, 3, 5-diamyl-10-me-  
thyl-,  $(\text{C}_5\text{H}_{11})_2(\text{C}_{12}\text{H}_8\text{OS})(\text{CH}_3)\text{CH}_2\text{SO}_4$ . (3, 5-Di-  
amyl-8-methyl-o-phenylene oxide sulfonium methoxy-  
sulfate). 526P.
- 301-801-950-1024-1389.  
Phenoxathiium methyl sulfate, 3, 6, 10-trimethyl-,  
( $\text{CH}_3$ )<sub>3</sub>( $\text{C}_{12}\text{H}_8\text{OS})\text{CH}_2\text{SO}_4$ . (3, 6-Dimethyl-8-me-  
thyl-o-phenylene oxide-sulfonium methoxysulfate).  
526P.
- 301-851-950-952.  
Phenoxathiin, chloro-3, 6-diphenyl-,  $\text{Cl}(\text{C}_{12}\text{H}_8\text{OS})\text{-}$   
 $\text{C}_6\text{H}_5$ . (3, 6-Diphenyl-mono-chlorophenothioxine).  
Fly spray. 112, 1307P.
- 301-851-950-961.  
Phenoxathiin, 3-chloro-cyclohexyl-,  $\text{Cl}(\text{C}_{12}\text{H}_8\text{OS})\text{-}$   
 $\text{C}_6\text{H}_{11}$ . (Monocyclohexyl-3-chlorophenothioxine). 1306AP.
- 301-924.  
Dibenzo [c, d] phenoxathiin;  $\text{C}_{20}\text{H}_{12}\text{OS}$ . ( $\gamma, \gamma'$ -Di-  
benzophenothioxin).  
MT mosquito and codling moth larvae. 487, 1291.
- 301-950.  
Phenoxathiin;  $\text{C}_{12}\text{H}_8\text{OS}$ . (Phenothioxin).  
HT greenhouse red spider at 1%; T cabbage aphid,  
termites, American cockroach, codling moth larvae,  
Hawaiian beet webworm, southern beet webworm,  
mosquito larvae, diamondback moth, screwworm,  
housefly, and rice weevil; NT southern army worm.  
487, 723, 949, 1120, 1144, 1276, 1291, 1312, 1320P,  
1327, 1432, 1481.
- 301-950-951.  
Phenoxathiin, 1-phenyl-,  $(\text{C}_{12}\text{H}_7\text{OS})\text{C}_6\text{H}_5$ .  
Fly spray. 112, 1307P.
- 301-950-951-961.  
Phenoxathiin, cyclohexyl-1-phenyl-,  $\text{C}_6\text{H}_{11}(\text{C}_{12}\text{H}_8\text{OS})\text{-}$   
 $\text{C}_6\text{H}_5$ . (Monocyclohexyl-1-phenyl-phenothioxine).  
1306AP.
- 301-950-951-1027.  
Phenoxathiin, substituted, phenyl.  
Fly spray. 112, 1307P.
- 301-950-952.  
Phenoxathiin, 3, 6-diphenyl-,  $(\text{C}_{12}\text{H}_8\text{OS})(\text{C}_6\text{H}_5)_2$ .  
(3, 6-Diphenyl phenothioxine).  
Fly spray. 112, 1307P.
- 301-950-961.  
Phenoxathiin, cyclohexyl-,  $(\text{C}_{12}\text{H}_8\text{OS})\text{C}_6\text{H}_{11}$ . (Mono-  
cyclohexyl-phenothioxine). 1306AP.
- 301-950-975.  
Phenoxathiin, cycloalkyl-. (Cyclo-alkylated pheno-  
thioxine). 1306AP.
- 301-950-993.  
Phenoxathiin, 2-(2-methylheptyl)-,  $(\text{C}_{12}\text{H}_{17}\text{OS})\text{C}_6\text{H}_5$ .  
(Phenoxathiin, 3-*tert*-octyl-, 3-tertiary-octyl  
phenothioxine).  
Fly spray. 112, 1307P.
- 301-950-1001.  
Phenoxathiin, butyl-,  $(\text{C}_{12}\text{H}_{17}\text{OS})\text{C}_6\text{H}_5$ . (Monobutyl  
phenothioxine).  
20% T houseflies at 3%. 112, 1307P.
- 301-950-1004.  
Phenoxathiin, dipropyl-,  $(\text{C}_{12}\text{H}_{17}\text{OS})(\text{C}_3\text{H}_7)_2$ . (Di-  
propyl phenothioxine).  
MT as fly spray. 112, 1307P.
- 301-950-1012.  
Phenoxathiin, diethyl-,  $(\text{C}_{12}\text{H}_{17}\text{OS})(\text{C}_2\text{H}_5)_2$ . (Diethyl  
phenothioxine).  
MT as fly spray. 112, 1307P.
- 301-950-1027.  
Phenoxathiin, alkyl-.  
Fly spray. 112, 1307P.
- 328-851-1003-1021.  
Formic acid, chloro-, 2-chloropropyl ester  $\text{CH}_3\text{CHCl-}$   
 $\text{CH}_2\text{OOC}(\text{H})$ . (Chloroformate; chlorocarbonate; chloro-  
propyl).  
T *Sitophilus oryza*. 268, 1181.
- 328-851-1003-1021.  
Formic acid, chloro-, 3-chloropropyl ester;  $\text{ClCOO-}$   
 $\text{CH}_2\text{CH}_2\text{CH}_2\text{Cl}$ . ( $\gamma$ -Chloropropyl chloroformate).  
10% T *Sitophilus oryza*. 1180.
- 328-851-1011-1021.  
Formic acid, chloro-, 2-chloroethyl ester;  $\text{ClCOO-}$   
 $\text{CH}_2\text{CH}_2\text{Cl}$ . ( $\beta$ -Chloroethyl chloroformate).  
100% T *Sitophilus oryza*. 1180, 1181.
- 328-999-1021.  
Formic acid, chloro-, isoamyl ester;  $\text{ClCOOCH}_2\text{CH}_2\text{-}$   
 $\text{CH}(\text{CH}_3)_2$ . (Isoamyl chloroformate; isoamyl ester  
chloroformic acid;  $\gamma$ -methylbutyl chloromethanoate;  
isoamyl chlorocarbonate).  
ST codling moth; NT *Sitophilus oryza* and red scale.  
268, 346P, 915, 1180.
- 328-1001-1021.  
Formic acid, chloro-, butyl ester;  $\text{C}_4\text{H}_9\text{OOC}(\text{H})$ . (n-  
Butyl chloroformate).  
T *Sitophilus oryza*; ST codling moth. 915, 1180,  
1181.
- 328-1001-1021.  
Formic acid, chloro-, isobutyl ester;  $\text{ClCOOCH}_2\text{CH-}$   
 $(\text{CH}_3)_2$ . (Isobutyl chloroformate).  
ST *Sitophilus oryza*. 1180, 1181.
- 328-1003-1021.  
Formic acid, chloro-, propyl ester;  $\text{C}_3\text{H}_7\text{OOC}(\text{H})$ . (n-  
Propyl chlorocarbonate; chloroformate).  
T *Chrysomphalus aurantii* and *Sitophilus oryza*.  
268, 346P, 1180.
- 328-1003-1021.  
Formic acid, chloro-, isopropyl ester;  $\text{ClCOOCH-}$   
 $(\text{CH}_3)_2$ . (Isopropyl chloroformate; chlorocarbonate).  
MT *Sitophilus oryza*. 268, 346P, 1180.
- 328-1011-1021.  
Formic acid, chloro-, ethyl ester;  $\text{C}_2\text{H}_5\text{OOC}(\text{H})$ . (Ethyl  
chlorocarbonate; chloroformate).  
T *Sitophilus oryza*. 268, 1180, 1181.
- 328-1021-1027.  
Formic acid, chloro-, alkyl esters;  $\text{ClCOOR}$ . 1181.
- 328-1022.  
Formic acid, chloro-, methyl ester;  $\text{ClCOOCH}_3$ .  
(Methyl chlorocarbonate; chloroformate).  
T *Sitophilus oryza*; ST *Chrysomphalus aurantii*.  
268, 1181.
- 330-440-950-1021.  
6-Phenothiazinecarbonyl chloride;  $(\text{C}_{12}\text{H}_8\text{NS})\text{COCl}$ .  
(Phenothiazine-6-carboxylic-acid chloride).  
NT mosquito larvae. 487.
- 330-841-1011.  
Acetyl bromide, bromo-,  $\text{CH}_3\text{BrCOBr}$ . (Bromoetha-  
noyl bromide).  
NT rice weevil. 1180.
- 330-951-1021.  
Benzoyl bromide;  $\text{C}_6\text{H}_5\text{COBr}$ . (Benzene-carbonyl bro-  
mide).  
NT red scale. 268.
- 330-1011.  
Acetyl bromide;  $\text{CH}_3\text{COBr}$ . (Ethanoyl bromide).  
NT red scale. 268.

- 831-851-1011.  
Acetyl chloride, chloro-;  $\text{ClCH}_2\text{COCl}$ .  
ST rice weevil. 1180.
- 331-852-1011.  
Acetyl chloride, dichloro-;  $\text{Cl}_2\text{CHCOCl}$ .  
ST rice weevil. 1180.
- 331-853-1011.  
Acetyl chloride, trichloro-;  $\text{Cl}_3\text{CCOCl}$ .  
ST rice weevil. 1180.
- 331-951-1021.  
Benzoyl chloride;  $\text{C}_6\text{H}_5\text{COCl}$ .  
T *Lucilia cuprina* larvae and houseflies. 849, 1002.
- 331-951-1022.  
Phthaloyl chloride;  $\text{C}_6\text{H}_4(\text{COCl})_2$ . (Phthalyl chloride; 1, 2-benzenedicarbonyl chloride; *o*-phthalyl chloride). 890P.
- 331-997.  
Adipyl chloride;  $\text{ClOC}(\text{CH}_2)_4\text{COCl}$ . (Hexanedioyl chloride).  
NT red scale. 268.
- 331-999.  
Valeryl chloride;  $\text{C}_5\text{H}_9\text{COCl}$ . (*n*-Valeryl chloride; pentanoyl chloride).  
NT rice weevil. 1180.
- 331-999.  
Isovaleryl chloride;  $(\text{CH}_3)_2\text{CHCH}_2\text{COCl}$ . (3-Methylbutanoyl chloride).  
NT rice weevil. 1180.
- 331-1001-.  
Butyryl chloride;  $\text{C}_4\text{H}_7\text{COCl}$ . (*n*-Butyryl chloride; butanoyl chloride).  
ST rice weevil; NT red scale. 268, 1180.
- 331-1001-1030.  
Crotyl chloride, *cis*-;  $\text{CH}_3\text{CH}=\text{CHCOCl}$ . (Isocrotyl chloride). 1513P.
- 331-1003.  
Propionyl chloride;  $\text{C}_3\text{H}_7\text{COCl}$ .  
ST rice weevil. 268, 1180.
- 331-1011.  
Acetyl chloride;  $\text{CH}_3\text{COCl}$ . (Ethanoyl chloride).  
T *Lucilia cuprina* larvae; NT red scale. 268, 849.
- 331-1011.  
Oxalyl chloride;  $(\text{COCl})_2$ . (Ethanedioyl chloride).  
30% T rice weevil. 268, 1180.
- 331-1021.  
Phosgene;  $\text{COCl}_2$ . (Carbonyl chloride). 1041, 1295.
- 340-951.  
Benzene, iodo-;  $\text{C}_6\text{H}_5\text{IO}$ .  
85% T *Culex quinquefasciatus*, 84% T corn borer, T screwworms, and many insects. 110, 157, 1120, 1123, 1312, 1315P.
- 341-951-951-1021.  
Benzoic acid, iodoxy-;  $\text{O}_2\text{IC}_6\text{H}_4\text{COOH}$ .  
NT *Bombyx mori* larvae. 110, 561, 1339.
- 341-951.  
Benzene, iodoxy-;  $\text{C}_6\text{H}_5\text{IO}_2$ .  
T tobacco hornworm, southern army worm, cross-striped cabbage worm, and imported cabbage worm; MT Hawaiian beet webworm and southern beet webworm. 110, 1312, 1324P.
- 360-730-1022.  
Formic acid,  $\alpha,\alpha'$ -dithiobis[1-piperidylthio-?  $\text{C}_5\text{H}_{10}\text{NC}(\text{S})\text{SSC}(\text{S})\text{NC}_5\text{H}_{10}$ . (Piperidine thiuram disulfide).  
NT Japanese beetle. 606, 1432.
- 360-952-1024.  
Formamide,  $\alpha,\alpha'$ -dithiobis[*N,N*-methylphenylthio-;  $\text{C}_6\text{H}_4(\text{CH}_3)_2\text{NC}(\text{S})\text{SSC}(\text{S})\text{N}(\text{CH}_3)_2\text{C}_6\text{H}_4$ . (Thiuram disulfide, *sym*-dimethyldiphenyl-).  
NT Mexican bean beetle. 606, 1432.
- 360-954-1025.  
Formamide,  $\alpha,\alpha'$ -dithiobis[*N,N*-dibenzylthio-;  $[(\text{C}_6\text{H}_5\text{CH}_2)_2\text{NC}(\text{S})\text{S}]_2$ . (Tetra benzyl thiuram disulfide).  
NT Japanese beetle. 606.
- 360-964-1022.  
Formamide,  $\alpha,\alpha'$ -dithiobis[dicyclohexylthio-;  $[(\text{C}_6\text{H}_{11})_2\text{NC}(\text{S})\text{S}]_2$ . (Thiuram disulfide, tetracyclohexyl-).  
25% T Mexican bean beetle. 606, 1432.
- 360-994-1022.  
Formamide,  $\alpha,\alpha'$ -dithiobis[*N,N*-di-2-ethylhexylthio-;  $[(\text{CH}_3\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}(\text{C}_6\text{H}_5)\text{CH}_2)_2\text{NC}(\text{S})\text{S}]_2$ . (Thiuram disulfide, tetra-(2-ethyl hexyl-).  
NT Mexican bean beetle. 606, 1432.
- 360-1002-1022.  
Formamide,  $\alpha,\alpha'$ -dithiobis[*N,N*-diisobutylthio-;  $[(\text{CH}_3)_2\text{CHCH}_2)_2\text{NC}(\text{S})\text{S}]_2$ . (Thiuram disulfide, tetraisobutyl-).  
NT Mexican bean beetle. 606, 1432.
- 360-1024.  
Formamide,  $\alpha,\alpha'$ -dithiobis[*N*-methylthio-;  $\text{CH}_3\text{-HNC}(\text{S})\text{SSC}(\text{S})\text{NHCH}_3$ ? (Thiuram disulfide, dimethyl-).  
80% T Colorado potato beetle; NT Mexican bean beetle and Japanese beetle. 606, 1432.
- 360-1025.  
Formamide,  $\alpha,\alpha'$ -dithiobis[*N,N*-dimethylthio-;  $[(\text{CH}_3)_2\text{NC}(\text{S})\text{S}]_2$ . (Tetramethylthiuram disulfide; bis(dimethylthiocarbonyl) disulfide).  
HT Japanese beetle; 53-84% T *Lucilia sericata* larvae, MT Mexican bean beetle, and Colorado potato beetle; NT *Bombyx mori*. 304P, 559, 561, 606, 607, 723, 1178, 1404P, 1405P, 1406P, 1432, 1511.
- 365-968-1022.  
1-Piperidinecarbodithioic acid, anhydride-;  $(\text{C}_5\text{H}_9\text{NC}(\text{S})\text{S})_2$ . (Thiuram sulphide, *sym*-dipentamethylene-1, 1'-sulfide, bis(thio-1-piperidylcarbonyl-).  
80% T aphids infesting potato plants. 1178, 1405P.
- 365-1002-1022.  
Formamide,  $\alpha,\alpha'$ -thiobis[*N,N*-dibutylthio-;  $(\text{C}_4\text{H}_9)_2\text{NC}(\text{S})\text{SC}(\text{S})\text{N}(\text{C}_4\text{H}_9)_2$ . (Thiuram sulfide, tetrabutyl-).  
NT Mexican bean beetle and Colorado potato beetle. 606, 1432.
- 365-1014-1022.  
Formamide,  $\alpha,\alpha'$ -thiobis[*N,N*-diethylthio-;  $(\text{C}_2\text{H}_5)_2\text{NC}(\text{S})\text{SC}(\text{S})\text{N}(\text{C}_2\text{H}_5)_2$ . (Thiuram sulfide, tetraethyl-).  
100% T Mexican bean beetle and Colorado potato beetle; NT Japanese beetle. 606, 1432.
- 365-1025.  
Formamide,  $\alpha,\alpha'$ -thiobis[*N,N*-dimethylthio-;  $(\text{CH}_3)_2\text{NC}(\text{S})\text{SC}(\text{S})\text{N}(\text{CH}_3)_2$ . (Tetramethyl thiuram monosulfide).  
100% T Mexican bean beetle. 606, 611, 1432.
- 365-1045.  
Formamide,  $\alpha,\alpha'$ -thiobis[*N,N*-disubstituted thio-;  $\text{R}_2\text{NC}(\text{S})\text{SC}(\text{S})\text{NR}_2$ . (Thiuram sulfides).  
T aphid, *Popillia japonica*, and *Epilachna varivestis*. 304P, 305P, 607, 1178, 1403, 1432.
- 370-581-1011-1021-1218.  
Carbamic acid, 2-hydroxyethylthio-, sodium salt;  $\text{HOCH}_2\text{CH}_2\text{NHC}(\text{S})\text{SNa}$ . (Carbamic acid,  $\beta$ -hydroxyethylthio-, sodium salt).  
80% T aphids. 1178, 1405P.
- 370-668-730-952-1022.  
1-Piperidinecarbodithioic acid, diphenylguanidine salt;  $\text{C}_6\text{H}_{10}\text{NCSSH}_2\text{N}:\text{C}(\text{NHC}_6\text{H}_5)_2$ . (Carbamic acid, pentamethylenedithio-, *sym*-diphenylguanidinium salt).  
10% Mexican bean beetle; NT Japanese beetle. 606, 1432.
- 370-668-952-1024.  
Carbamic acid, dimethylthio-, diphenylguanidine salt;  $(\text{CH}_3)_2\text{NC}(\text{S})\text{SHHN}:\text{C}(\text{NHC}_6\text{H}_5)_2$ ? (Carbamic acid, dimethylthio-, *sym*-diphenylguanidinium salt).  
T Mexican bean beetle; ST Japanese beetle. 606, 1432.
- 370-730-1021.  
1-Piperidinecarbodithioic acid, piperidine salt;  $\text{C}_5\text{H}_{10}\text{NCSSHNC}_5\text{H}_{10}$ . (Carbamic acid, pentamethylenedithio-, piperidinium salt; piperidinepiperidyl dithiocarbamate).  
NT Mexican bean beetle. 157, 239, 606, 1120, 1432.
- 370-730-1021-1196.  
1-Piperidinecarbodithioic acid, potassium salt;  $\text{C}_5\text{H}_{10}\text{NCSEK}$ . (Carbamic acid, pentamethylenedithio-, potassium salt).  
90% T aphids. 1178, 1405P.
- 370-950-1011-1021-1142.  
Carbamic acid, phenethylthio-, eupric salt;  $[\text{C}_6\text{H}_5\text{-CH}_2\text{CH}_2\text{NHC}(\text{S})\text{S}]_2\text{Cu}$ . (Cupric phenethyl dithiocarbamate).  
NT Japanese beetle and Mexican bean beetle. 606, 1432.
- 370-951-1022-1218.  
Carbamic acid, methylphenylthio-, sodium salt;  $\text{C}_6\text{H}_5(\text{CH}_3)\text{NC}(\text{S})\text{SNa}$ .  
90% T aphids. 1178, 1405P.
- 370-952-1022-1114.  
Carbanilic acid, dithio-, barium salt;  $\text{Ba}[\text{SC}(\text{S})\text{-}$

- NHC<sub>6</sub>H<sub>5</sub>)<sub>2</sub>. (Barium dithiocarbamate).  
NT codling moth at 4%. 1481.
- 370-989-1012-1021.  
Carbamic acid, diethyldithio-, dodecyl ester; (C<sub>12</sub>H<sub>25</sub>)NC(:S)SC<sub>12</sub>H<sub>25</sub>. (Lauryl diethyldithiocarbamate). 593P.
- 370-989-1021.  
Carbamic acid, didodecyldithio-; (C<sub>12</sub>H<sub>25</sub>)<sub>2</sub>NC(:S)-SH. (Carbamic acid, di-n-dodecyldithio-).  
Fly spray. 107P, 112, 593P.
- 370-989-1021.  
Carbamic acid, dodecyldithio-, dodecyl ester; C<sub>12</sub>H<sub>25</sub>NHC(:S)SC<sub>12</sub>H<sub>25</sub>. 593P, 1432.
- 370-1001-1021-1218.  
Carbamic acid, butyldithio-, sodium salt; C<sub>4</sub>H<sub>9</sub>NHC(:S)SNa.  
T aphids. 1178, 1405P, 1406P.
- 370-1002-1021-1218.  
Carbamic acid, dibutyldithio-, sodium salt; (C<sub>4</sub>H<sub>9</sub>)<sub>2</sub>NC(:S)SNa.  
90% T aphids. 1178, 1405P.
- 370-1003-1023-1030.  
Carbamic acid, dimethyldithio-, allyl ester; (CH<sub>3</sub>)<sub>2</sub>NC(:S)SCH<sub>2</sub>CH=CH<sub>2</sub>.  
T aphids. 1178, 1405P, 1406P.
- 370-1012-1021-1124.  
Carbamic acid, diethyldithio-, cadmium salt; [(C<sub>2</sub>H<sub>5</sub>)<sub>2</sub>NC(:S)S]<sub>2</sub>Cd. (Cadmium diethyl dithiocarbamate).  
60% T Colorado potato beetle. 606, 1432.
- 370-1012-1021-1218.  
Carbamic acid, diethyldithio-, sodium salt; (C<sub>2</sub>H<sub>5</sub>)<sub>2</sub>N(:S)SNa. (Sodium diethyl dithiocarbamate).  
73-93% T *Lucilia sericata* larvae and T aphids;  
NT Colorado potato beetle. 606, 723, 1178, 1405P.
- 370-1013-1021-1167.  
Carbamic acid, dithio-, triethyl lead salt; H<sub>3</sub>NC(:S)SPb(C<sub>2</sub>H<sub>5</sub>)<sub>3</sub>. (Triethyl lead dithiocarbamate).  
T many species of insects. 161P.
- 370-1014-1021-1109.  
Carbamic acid, diethyldithio-, diethylammonium salt; (C<sub>2</sub>H<sub>5</sub>)<sub>2</sub>NC(:S)SNC<sub>2</sub>H<sub>5</sub>. (Diethyl ammonium diethyl dithiocarbamate).  
NT *Bombyx mori* larvae. 559, 1432.
- 370-1021.  
Carbamic acid, dithio-; H<sub>2</sub>NC(:S)SH. (Aminodithioformic acid; aminomethane thionothioic acid).  
T *Aphis rumicis* and several other species of aphids, *Popillia japonica*, *Epilachna varivestis*, and mites. 1403.
- 370-1021-1027.  
Carbamic acid, dithio-, esters. (Including at least two alkyl radicals at least one of which is a straight chain radical of at least eight carbon atoms). 104P.
- 370-1021-1142.  
Carbamic acid, dithio-, cupric salt; [H<sub>2</sub>NC(:S)S]<sub>2</sub>Cu. (Cupric dithiocarbamate).  
NT Colorado potato beetle and Japanese beetle. 606, 1432.
- 370-1021-1244.  
Carbamic acid, dithio-, zinc salt; [H<sub>2</sub>NC(:S)S]<sub>2</sub>Zn. (Zinc dithiocarbamate).  
ST Japanese beetle. 606, 1432.
- 370-1023-1142.  
Carbamic acid, dimethyldithio-, cupric salt; [(CH<sub>3</sub>)<sub>2</sub>NC(:S)S]<sub>2</sub>Cu. (Cupric dimethyl dithiocarbamate).  
20% T Colorado potato beetle; NT Mexican bean beetle and Japanese beetle. 606, 1432.
- 370-1023-1162.  
Carbamic acid, dimethyldithio-, ferric salt; [(CH<sub>3</sub>)<sub>2</sub>NC(:S)S]<sub>2</sub>Fe. (Ferric dimethyl dithiocarbamate).  
20% T Mexican bean beetle and T Japanese beetle. 606, 1432.
- 370-1023-1218.  
Carbamic acid, dimethyldithio-, sodium salt; (CH<sub>3</sub>)<sub>2</sub>NC(:S)SNa.  
T potato aphids. 1178, 1405P.
- 370-1025.  
Carbamic acid, dimethyldithio-, methyl ester; (CH<sub>3</sub>)<sub>2</sub>NC(:S)SCH<sub>3</sub>. (Methyl dimethyldithiocarbamate). 891P.
- 370-1025-1109.  
Carbamic acid, dimethyldithio-, dimethylammonium salt; (CH<sub>3</sub>)<sub>2</sub>NC(:S)SNC<sub>2</sub>H<sub>5</sub>. (Dimethyl ammonium dimethyl dithiocarbamate).
- NT *Bombyx mori* larvae. 559, 561, 1432.
- 370-1027.  
Xanthogen, bisalkyl-. (Bisalkyl salts of thiolthion-carbonic acid). 1212P.
- 370-1045-1248.  
Carbamic acid, dialkyldithio-, metal salts; R<sub>2</sub>NC(:S)S Metal. (Dithiocarbamates).  
T mites, *Aphis rumicis*, *Popillia japonica*, and *Epilachna varivestis*. 1178, 1403, 1405P, 1406P.
- 374-952-1021.  
Carbohydrazide, 1, 1-diphenyl-3-thio-; (C<sub>6</sub>H<sub>5</sub>)<sub>2</sub>NNHC(:S)NHNH<sub>2</sub>. (α,α-Diphenylthiocarbohydrazide).  
70% T mosquito larvae. 487.
- 374-952-1021.  
Carbohydrazide, 1, 5-diphenyl-3-thio-; C<sub>6</sub>H<sub>5</sub>NH-NHC(:S)NHNHC<sub>6</sub>H<sub>5</sub>. (Diphenylthiocarbazide).  
ST screwworms; NT *Bombyx mori* larvae. 156, 559, 1432.
- 375-924-951-1021.  
Semicarbazide, 4-(1-naphthyl)-1-phenyl-3-thio-; C<sub>6</sub>H<sub>5</sub>NNHC(:S)NHC<sub>10</sub>H<sub>7</sub>. (4-(1-Naphthyl)-1-phenylthiosemicarbazide).  
NT European corn borer 4 lb./100 gal. 1122.
- 375-924-951-1022.  
Semicarbazide, 4-(1-naphthyl)-1-p-tolyl-3-thio-; CH<sub>3</sub>C<sub>6</sub>H<sub>4</sub>NNHC(:S)NHC<sub>10</sub>H<sub>7</sub>. (4-(1-Naphthyl)-1-p-tolylthiosemicarbazide).  
NT European corn borer 4 lb./100 gal. 1122.
- 375-951-1022.  
Semicarbazide, 3-thio-1-o-tolyl-; CH<sub>3</sub>C<sub>6</sub>H<sub>4</sub>NNHC(:S)NH<sub>2</sub>.  
NT silkworm. 559, 1432.
- 375-1021.  
Semicarbazide, 3-thio-; H<sub>2</sub>NC(:S)NHNH<sub>2</sub>. (Semicarbazide, thio-).  
98% T culicine mosquito larvae. 172, 1178.
- 370-541-951-1011-1021.  
Hydantoic acid, 4-phenyl-γ-thio-; C<sub>6</sub>H<sub>5</sub>NHC(:S)-NHCH<sub>2</sub>COOH. (Hydantoic acid, phenylthio-).  
40% T silkworm. 559, 1432.
- 370-581-951-1021.  
Urea, 1-(p-hydroxyphenyl)-2-thio-; NH<sub>2</sub>C(:S)-NHC<sub>6</sub>H<sub>4</sub>OH. (p-Hydroxy phenyl thiourea).  
10% T Colorado potato beetle and Mexican bean beetle. 606, 1432.
- 370-591-951-1022.  
Urea, 1-(methoxyphenyl)-2-thio-, CU; CH<sub>3</sub>OC<sub>6</sub>H<sub>4</sub>NHC(:S)NH<sub>2</sub>. (Urea, methoxy-phenylthio-).  
T as mothproofing agent. 406P, 427P, 1175, 1239P.
- 370-671-963-1021.  
Thiourea, 3-amino-cyclohexyl-1, 1-dicyclohexyl-2-thio-? (C<sub>6</sub>H<sub>11</sub>)<sub>2</sub>NC(:S)NHC<sub>6</sub>H<sub>11</sub>NH<sub>2</sub>. (Dicyclohexyl thiourea cyclohexylamine).  
T *Myzus persicae*. 772.
- 370-780-950-1021.  
Urea, 1, 3-di-5-quinolyl-2-thio-; (C<sub>6</sub>H<sub>4</sub>N)NHC(:S)-NH(C<sub>6</sub>H<sub>4</sub>N). (Di-5-quinoline thiourea).  
NT *Pieris rapae*. 635.
- 370-780-951-1021.  
Urea, 1-phenyl-3-(2-pyridyl)-2-thio-; C<sub>6</sub>H<sub>5</sub>NHC(:S)NH(C<sub>5</sub>H<sub>4</sub>N). (α-Phenyl-β-2-pyridyl thiourea).  
88% T mosquito larvae and 52% T codling moth larvae. 487, 1291.
- 370-730-951-1021.  
Urea, 1-phenyl-3-(3-pyridyl)-2-thio-; C<sub>6</sub>H<sub>5</sub>NHC(:S)-NH(C<sub>5</sub>H<sub>4</sub>N). (α-Phenyl-β-3-pyridyl thiourea).  
98% T mosquito larvae. 487.
- 370-730-1021.  
Urea, 1, 3-di-2-pyridyl-2-thio-; [(C<sub>5</sub>H<sub>4</sub>N)NH]<sub>2</sub>C(:S). (sym-Di-2-pyridylthiourea).  
40% T mosquito larvae. 487.
- 370-730-1021.  
Urea, 1, 3-di-3-pyridyl-2-thio-; [(C<sub>5</sub>H<sub>4</sub>N)NH]<sub>2</sub>C(:S). (sym-Di-3-pyridylthiourea).  
NT mosquito larvae. 487.
- 370-841-951-1021.  
Urea, 1-(p-bromophenyl)-2-thio-; NH<sub>2</sub>C(:S)NHC<sub>6</sub>H<sub>4</sub>Br.  
36% T *Lucilia sericata* larvae. 723.
- 370-851-951-1022.  
Urea, 1-(chlorotolyl)-2-thio-, CU; CH<sub>3</sub>C<sub>6</sub>H<sub>4</sub>(Cl)-NHC(:S)NH<sub>2</sub>. (Urea, chlorotolylthio-).  
T as mothproofing agent. 406P, 427P, 1175, 1239P.
- 370-853-951-1021.  
Urea, 1-(trichlorophenyl)-2-thio-, CU; Cl<sub>3</sub>C<sub>6</sub>H<sub>3</sub>-



- NHC(:S)NH<sub>2</sub>. (Urea, trichlorophenyl thio-).  
T as mothproofing agent. 406P, 427P, 1175, 1239P.  
376-924-1021.  
Urea, 1-(1-naphthyl)-2-thio-; C<sub>10</sub>H<sub>7</sub>NHC(:S)NH<sub>2</sub>.  
( $\alpha$ -Naphthyl thiourea).  
10% T Mexican bean beetle and NT Colorado potato beetle. 606, 1432.  
376-924-1021.  
Urea, 1, 3-di-1-naphthyl-2-thio-; C<sub>10</sub>H<sub>7</sub>NHC(:S)-NHC<sub>10</sub>H<sub>7</sub>. (sym-Di-1-naphthylthiourea).  
NT mosquito larvae and *Pieris rapae*. 487, 635.  
376-924-1021.  
Urea, 1, 3-di-2-naphthyl-2-thio-; C<sub>10</sub>H<sub>7</sub>NHC(:S)-NHC<sub>10</sub>H<sub>7</sub>. (Di- $\beta$ -naphthylthiourea).  
NT *Pieris rapae*. 635.  
376-924-1021.  
Urea, 1, 3-bis(5, 6, 7, 8-tetrahydro-1-naphthyl)-2-thio-; (C<sub>10</sub>H<sub>11</sub>NH)<sub>2</sub>C:S. (sym-Bis(5, 6, 7, 8-tetrahydro-1-naphthyl)-thiourea).  
NT mosquito larvae. 487.  
376-951-1021.  
Urea, 1-phenyl-2-thio-; C<sub>6</sub>H<sub>5</sub>NHC(:S)NH<sub>2</sub>. (Urea, phenylthio).  
T screwworms and as mothproofing agent; NT mosquito larvae. 156, 172, 406P, 421P, 621P, 623P, 624P, 723, 829P, 977P, 981P, 985, 1175, 1176, 1178, 1239P.  
376-951-1022.  
Urea, 1-benzyl-2-thio-; C<sub>6</sub>H<sub>5</sub>CH<sub>2</sub>NHC(:S)NH<sub>2</sub>. (Urea, benzylthio).  
T as mothproofing agent. 406P, 427P, 1175, 1239P.  
376-951-1022.  
Urea, 1-o-tolyl-2-thio-; NH<sub>2</sub>C(:S)NHC<sub>6</sub>H<sub>4</sub>CH<sub>3</sub>.  
53% T *Lucilia sericata* larvae, 20% T silkworm, and T as mothproofing agent. 406P, 427P, 559, 723, 829P, 981P, 985, 1175, 1176, 1239P, 1432.  
376-952-1021.  
Carbanilide, thio-; (C<sub>6</sub>H<sub>5</sub>)<sub>2</sub>NC(:S)NH<sub>2</sub>. (Diphenylthiourea).  
20% T silkworm, 10% T Colorado potato beetle, and T as mothproofing agent; NT clothes moth, Japanese beetle, and mosquito larvae. 156, 172, 457, 496, 559, 606, 621P, 622, 739, 828P, 829P, 972P, 985, 1150, 1175, 1176, 1291, 1432.  
376-952-1022.  
Benzidine, N,N'-dithiocarbamyl-; [NH<sub>2</sub>C(:S)NHC<sub>6</sub>H<sub>4</sub>]<sub>2</sub>.  
ST Colorado potato beetle and Mexican bean beetle. 606, 1432.  
376-952-1023.  
Urea, 1, 1-dibenzyl-2-thio-; NH<sub>2</sub>C(:S)N(CH<sub>2</sub>C<sub>6</sub>H<sub>5</sub>)<sub>2</sub>. ( $\alpha\alpha$ -Dibenzylthiourea).  
NT mosquito larvae. 487.  
376-952-1023.  
Urea, 1, 3-dibenzyl-2-thio-; C<sub>6</sub>H<sub>5</sub>CH<sub>2</sub>NHC(:S)NH-CH<sub>2</sub>C<sub>6</sub>H<sub>5</sub>. (sym-Dibenzylthiourea).  
NT mosquito larvae. 487.  
376-952-1023.  
Urea, 1, 3-di-o-tolyl-2-thio-; S:C(NHC<sub>6</sub>H<sub>4</sub>CH<sub>3</sub>)<sub>2</sub>. (Di-o-tolylthiourea; 2, 2-dimethylthiocarbaniide; 1, 3-(di-o-tolyl)2-thiourea).  
94% T *Culex quinquefasciatus*, 36.1% T codling moth larvae, and MT corn borer at 2 lb./100 gal.; NT clothes moth. 157, 915, 985, 1122, 1176, 1432.  
376-952-1024.  
Biurea, 2,5-dithio-1, 6-di-(p-tolyl); CH<sub>3</sub>C<sub>6</sub>H<sub>4</sub>NHC(:S)NHNHC(:S)NHC<sub>6</sub>H<sub>4</sub>CH<sub>3</sub>. (This compound named di-p-tolyldihydro dithio dicarbonamide by author: present name apparently more correct for formula given).  
NT *Bombyx mori* larvae. 559.  
376-961-1021.  
Urea, 1-cyclohexyl-2-thio-; C<sub>6</sub>H<sub>11</sub>NHC(:S)NH<sub>2</sub>. (Urea, cyclohexylthio).  
T as mothproofing agent. 406P, 427P, 1175, 1239P.  
376-962-1021.  
Urea, 1, 1-dicyclohexyl-2-thio-; NH<sub>2</sub>C(:S)N(C<sub>6</sub>H<sub>11</sub>)<sub>2</sub>.  
NT *Myzus persicae* and greenhouse red spider. 772, 1432.  
376-989-1021.  
Urea, 1-dodecyl-2-thio-; H<sub>2</sub>NC(:S)NHC<sub>11</sub>H<sub>23</sub>.  
40-51% T *Lucilia sericata* larvae. 107P, 112, 723.  
376-989-1021.  
Urea, 1, 3-didodecyl-2-thio-; C<sub>12</sub>H<sub>25</sub>NHC(:S)NHC<sub>12</sub>H<sub>25</sub>.  
42% T *Lucilia sericata* larvae. 723.  
376-995-1021.  
Urea, 1-heptyl-2-thio-; H<sub>2</sub>NC(:S)NHC<sub>6</sub>H<sub>13</sub>. (1-n-Heptyl-2-thiourea).  
93-100% T *Lucilia sericata* larvae. 723.  
376-999-1021.  
Urea, 1-amyl-2-thio-; H<sub>2</sub>NC(:S)NHC<sub>4</sub>H<sub>11</sub>. (1-n-Amyl-2-thiourea).  
89-100% T *Lucilia sericata* larvae. 723.  
376-1001-1021.  
Urea, 1-butyl-2-thio-; H<sub>2</sub>NC(:S)NHC<sub>3</sub>H<sub>7</sub>. (1-n-Butyl-2-thiourea).  
89-100% T *Lucilia sericata* larvae. 723.  
376-1001-1021-1030.  
Urea, 1-(2-butenyl)-2-thio-; H<sub>2</sub>NC(:S)NHCH<sub>2</sub>CH=CHCH<sub>3</sub>. (Crotyl thiourea).  
NT Colorado potato bug. 606.  
376-1002-1021.  
Urea, 1, 3-dibutyl-2-thio-; C<sub>4</sub>H<sub>9</sub>NHC(:S)NHC<sub>4</sub>H<sub>9</sub>. (1, 3-Di-n-butyl-2-thiourea).  
80% T *Lucilia sericata* larvae. 487, 723.  
376-1003-1021.  
Urea, 1-propyl-2-thio-; H<sub>2</sub>NC(:S)NHC<sub>3</sub>H<sub>7</sub>. (1-n-Propyl-2-thiourea).  
84-100% T *Lucilia sericata* larvae. 723.  
376-1003-1021-1030.  
Urea, 1-allyl-2-thio-; H<sub>2</sub>NC(:S)NHCH<sub>2</sub>CH:CH<sub>2</sub>. (Urea, allylthio; thiosinamine; 2-propenylthiourea; allylsulfocarbamide).  
10% T cecidius mosquito larvae and T as mothproofing agent; NT silkworm larvae. 172, 406P, 427P, 487, 559, 829P, 981P, 985, 1175, 1176, 1178, 1239P, 1432.  
376-1011-1021.  
Urea, 1-ethyl-2-thio-; H<sub>2</sub>NC(:S)NHC<sub>2</sub>H<sub>5</sub>.  
60-100% T *Lucilia sericata* larvae. 723.  
376-1012-1021.  
Urea, 1, 3-diethyl-2-thio-; (C<sub>2</sub>H<sub>5</sub>NH)<sub>2</sub>C:S. (sym-Diethylthiourea).  
80-94% T *Lucilia sericata* larvae. 723.  
376-1021.  
Urea, thio-; (H<sub>2</sub>N)<sub>2</sub>C:S. (Thiocarbamide).  
89-100% T *Lucilia sericata* larvae, T mosquito larvae, and as mothproofing agent. 172, 683, 723, 828P, 829P, 972P, 973P, 977P, 985, 1175, 1176, 1178, 1471.  
376-1021-1045.  
Urea, thio-, derivatives, CU.  
T as mothproofing agent. 387, 406P, 416P, 424P, 427P, 540P, 622, 1013P, 1175, 1178, 1213P, 1239P.  
376-1022.  
Urea, 1-methyl-2-thio-; H<sub>2</sub>NC(:S)NHCH<sub>3</sub>.  
93-100% T *Lucilia sericata* larvae. 723.  
376-1023.  
Urea, 1, 3-dimethyl-2-thio-; (CH<sub>3</sub>NH)<sub>2</sub>C:S.  
T *Lucilia sericata* larvae. 723.  
377-951-1022-1391.  
Pseudourea, 2-benzyl-2-thio-, hydrochloride; C<sub>6</sub>H<sub>5</sub>-CH<sub>2</sub>SC(:NH)NH<sub>2</sub>.HCl. (Benzyl isothioure hydrochloride).  
NT *Bombyx mori* larvae. 559, 1432.  
385-951-997.  
Isocaproanilide, thio-; C<sub>6</sub>H<sub>11</sub>C(:S)NHC<sub>6</sub>H<sub>5</sub>. (Thioisocaproic acid anilide).  
T as mothproofing agent. 420P, 424P, 1175.  
385-951-999.  
Isovaleranilide, thio-; C<sub>4</sub>H<sub>9</sub>C(:S)NHC<sub>6</sub>H<sub>5</sub>. (Thioisovaleric acid anilide).  
T as mothproofing agent. 420P, 424P, 1175.  
385-951-1011.  
 $\alpha$ -Toluidine, thio-; C<sub>6</sub>H<sub>4</sub>CH<sub>2</sub>C(:S)NH<sub>2</sub>. (Acetamide,  $\alpha$ -phenyl thio-).  
HT *Lucilia sericata* larvae; 35% T silkworm. 559, 723, 1432.  
385-951-1011.  
Acetanilide, thio-; CH<sub>3</sub>C(:S)NHC<sub>6</sub>H<sub>5</sub>.  
T codling moth, screwworm, silkworm, Colorado potato beetle, Mexican bean beetle, *Lucilia sericata*, and as mothproofing agent. 156, 420P, 424P, 487, 559, 606, 723, 815, 1175, 1432.

- 385-951-1021.  
Benzamide, thio-;  $C_6H_5C(:S)NH_2$ .  
T as mothproofing agent. 420P, 424P, 1175.
- 385-951-1022.  
o-Toluamide, thio-;  $CH_3C_6H_4C(:S)NH_2$ .  
NT mosquito larvae. 487.
- 385-952-1011.  
 $\alpha$ -Toluanilide, thio-;  $C_6H_5CH_2C(:S)NHCH_3$ . (Thio-phenylacetic acid anilide).  
T as mothproofing agent. 420P, 424P, 1175.
- 385-952-1021.  
Benzanilide, thio-;  $C_6H_5C(:S)NHCH_3$ .  
62-100% T *Lucilia sericata* larvae and 75% T mosquito larvae. 487, 723.
- 385-999.  
Propionamide,  $\alpha,\alpha$ -dimethyl thio-;  $(CH_3)_2CC(:S)NH_2$ . (Thiotrimethyl acetamide).  
94% T codling moth larvae and 26% T mosquito larvae; NT *bombyx mori* larvae. 487, 559, 1291.
- 385-1003.  
Propionamide, thio-;  $CH_3CH_2C(:S)NH_2$ .  
69-100% T *Lucilia sericata* larvae; NT mosquito larvae. 487, 723.
- 385-1003-1011-1030.  
Acetamide, N-allylthio-;  $CH_3C(:S)NHCH_2CH:CH_2$ .  
91-100% T *Lucilia sericata* larvae. 723.
- 385-1004-1030.  
Propionamide, N-allylthio-;  $CH_3CH_2C(:S)NHCH_2CH:CH_2$ .  
64-100% T *Lucilia sericata* larvae. 723.
- 385-1011.  
Acetamide, thio-;  $CH_3C(:S)NH_2$ . (Ethanethionamide; acetothioamide).  
91-100% T *Lucilia sericata* larvae and 20% T culicine mosquito larvae; NT codling moth and *Bombyx mori* larvae. 172, 459, 723, 915, 1178, 1432.
- 385-1011.  
Oxamide, dithio-;  $NH_2C(:S)C(:S)NH_2$  (Dithioxalamide; ruboniac acid).  
T *Cochliomyia americana* at 0.10%; NT mosquito larvae. 172, 944, 1178.
- 385-1450.  
Thio compounds, CU;  $RC(:S)NHR'$ .  
T as mothproofing agent. 420P, 424P, 1175.
- 386-581-952-1011-1291.  
 $\alpha$ -Toluidimide acid, p-hydroxythio-, phenyl ester, hydrochloride;  $HOC_6H_4CH_2C(:NH.HCl)SC_6H_5$ . (p-Hydroxyphenylacetimido-thiophenylether hydrochloride).  
ST mosquito larvae. 172.
- 386-582-952-1021-1291.  
Benzimidic acid, 2, 4-dihydroxythio-, phenyl ester, hydrochloride;  $(HO)_2C_6H_3C(:NH.HCl)SC_6H_5$ . (2, 4-Dihydroxybenzimidido-thiophenylether hydrochloride).  
100% T mosquito larvae. 172, 1178.
- 386-583-952-1021-1291.  
Benzimidic acid, 2, 4, 6-trihydroxythio-, phenyl ester, hydrochloride;  $(HO)_3C_6H_2C(:NH.HCl)SC_6H_5$ . (Sulphide, 2, 4, 6-trihydroxybenzimidido phenyl, hydrochloride; 2, 4, 6-trihydroxybenzimidido-thiophenylether hydrochloride).  
22% T culicine mosquito larvae. 172, 1178.
- 386-952-1011-1021-1291.  
 $\alpha$ -Toluidimide acid, thio-, p-tolyl ester, hydrochloride;  $C_6H_5CH_2C(:NH.HCl)SC_6H_4CH_3$ . (Sulphide, phenylacetimido p-tolyl, hydrochloride; phenylacetamido-thio-p-tolylether hydrochloride).  
95% T culicine mosquito larvae. 172, 1178.
- 386-952-1011-1291.  
 $\alpha$ -Toluidimide acid, thio-, phenyl ester, hydrochloride;  $C_6H_5CH_2C(:NH.HCl)SC_6H_5$ . (Sulphide, phenylacetimido phenyl, hydrochloride; phenylacetamido-thiophenylether hydrochloride).  
100% T culicine mosquito larvae. 172, 1178.
- 386-952-1021-1291.  
Benzimidic acid, thio-, phenyl ester, hydrochloride;  $C_6H_5C(:NH.HCl)SC_6H_5$ . (Benzimidophenyl sulphide, hydrochloride; benzimidido-thiophenyl ether hydrochloride).  
100% T culicine mosquito larvae. 172, 1178.
- 386-1021-1045.  
Imides, N-substituted thio-, CU. (Nitrogen substituted sulfinimides). 685P.
390.  
Amines, sulfur containing, CU. 350P, 1432.
- 401-541-591-1012-1022.  
Thiocyanic acid, 2-(2-formoxyethoxy) ethyl ester;  $HCOOCH_2CH_2OCH_2CH_2SCN$ . ( $\beta$ -Thiocyano- $\beta'$ -formoxydiethyl ether).  
Fly spray. 112, 1032P.
- 401-541-983-1021.  
Stearic acid, thiocyanato-;  $NCSC_{17}H_{33}COOH$ . (Thiocyano-octadecanoic acid).  
Fly spray. 106P, 112.
- 401-541-983-1021-1172.  
Stearic acid, thiocyanato-, magnesium salt;  $(NCSC_{17}H_{33}COO)_2Mg$ . (Thiocyano-magnesium octadecanoate).  
Fly spray. 106P, 112.
- 401-541-989-1021.  
Lauric acid, thiocyanato-;  $NCSC_{11}H_{23}COOH$ .  
Fly spray. 106P, 112.
- 401-541-991-1021.  
Capric acid, thiocyanato-;  $NCSC_9H_{19}COOH$ . (Thiocyano decanoic acid).  
Fly spray. 106P, 112.
- 401-551-551-930-983-1024-1030.  
Ricinoic acid, thiocyanato-, 2-fenchanyl ester;  $NCSC_{17}H_{31}(OH)COOC_{10}H_{17}$ . (Ricinoic acid, thiocyanato-, fenchyl ester).  
Fly spray. 100P, 112.
- 401-551-581-930-983-1024-1030.  
Ricinoic acid, thiocyanato-, isobornyl ester;  $NCSC_{17}H_{31}(OH)COOC_{10}H_{17}$ .  
Fly spray. 100P, 112.
- 401-551-581-932-983-1024-1030.  
Ricinoic acid, thiocyanato-, pinene esters;  $NCSC_{17}H_{31}(OH)COOC_{10}H_{16}$ .  
Fly spray. 100P, 112.
- 401-551-591-625-1012-1022.  
Thiocyanic acid, 2-(2-furoxyethoxy)ethyl ester;  $(C_4H_5O)COOC_2H_4OC_2H_4SCN$ . ( $\beta$ -Thiocyano- $\beta$ -furoxydiethyl ether).  
Fly spray. 112, 1032P.
- 401-551-591-951-1012-1022.  
Thiocyanic acid, 2-(2-benzoxylethoxy)ethyl ester;  $C_6H_5COOC_2H_4OC_2H_4SCN$ . ( $\beta$ -Thiocyano- $\beta'$ -benzoxylethyl ether).  
Fly spray. 112, 1032P.
- 401-551-591-952-1011-1023.  
Thiocyanic acid, 2[2-(phenylmethoxy)benzoxyl] ethyl ester;  $C_6H_5CH_2OC_6H_4COOC_2H_4SCN$ .  
Fly spray. 112, 688P, 690P, 691P, 692P, 693P, 694P, 695P, 696P.
- 401-551-591-956-1004-1023.  
Propionic acid, thiocyanato-, ester of methyl ether of terpinene;  $NCSC_2H_5CH_2COOC_{10}H_{16}OCH_3$ .  
Fly spray. 92P, 112.
- 401-551-591-957-1004-1023.  
Propionic acid, thiocyanato-, ester of methyl ether of terpinolene;  $NCSC_2H_5CH_2COOC_{10}H_{16}OCH_3$ .  
Fly spray. 92P, 112.
- 401-551-591-957-1004-1023-1030.  
Propionic acid, thiocyanato-, ester of methyl ether of dipentene;  $NCSC_2H_5CH_2COOC_{10}H_{16}OCH_3$ .  
Fly spray. 92P, 112.
- 401-551-591-999-1012-1021.  
Thiocyanic acid, 2-(2-butyroxyethoxy)ethyl ester;  $C_4H_9COOC_2H_5CH_2OCH_2CH_2SCN$ . ( $\beta$ -Thiocyano- $\beta'$ -butyroxylethyl ether).  
Fly spray. 112, 1032P.
- 401-551-591-1001-1012-1021.  
Thiocyanic acid, 2-(2-isobutyroxyethoxy)ethyl ester;  $(CH_3)_2CHCOOC_2H_5CH_2OCH_2CH_2SCN$ . ( $\beta$ -Thiocyano- $\beta'$ -isobutyroxylethyl ether; thiocyanato-ethoxy ethyl isobutyrate).  
Fly spray. 112, 689P, 1032P.
- 401-551-591-1003-1012-1021.  
Propionic acid,  $\beta$ -thiocyano-, 2-ethoxyethyl ester;  $NCSC_2H_5COOC_2H_5OC_2H_5$ . (Propionic acid,  $\beta$ -thiocyano-,  $\beta$ -ethoxyethyl ester).  
T flies. 673P, 1178, 1202P, 1203P.
- 401-551-591-1003-1023.  
Propionic acid,  $\beta$ -thiocyano-, methoxymethyl ester;  $CH_3OCH_2OOCCH_2CH_2SCN$ . (Methoxymethylthiocyanate; "Thioquinazole"). 1432, 1480P.
- 401-551-591-1012-1021-1045.  
Carboxylic acid, thiocyanato-, 2-ethoxyethyl ester, CU;  $NCSCH_2COOC_2H_5CH_2OCH_2CH_3$ . ( $\beta$ -Ethoxyethyl ester of thiocyanocarboxylic acid).  
Fly spray. 112, 1032P.

- 401-551-591-1012-1022.  
Thiocyanic acid, 2-(2-acetoxyethoxy)ethyl ester;  
 $\text{CH}_3\text{COOCH}_2\text{CH}_2\text{OCH}_2\text{SCN}$ . ( $\beta$ -Thiocyano- $\beta'$ -acetoxy-diethyl ether).  
Fly spray. 112, 1032P.
- 401-551-591-1013-1021.  
Acetic acid, thiocyno-, 2-ethoxyethyl ester  $\text{NCSCH}_2\text{COOCH}_2\text{CH}_2\text{OCH}_3$ . ( $\beta$ -Ethoxyethyl thiocyanacetate).  
112, 673P, 1032P, 1178, 1202P, 1203P, 1204P.
- 401-551-592-1001-1013-1021.  
Acetic acid, thiocyno-, 2-(2-butoxyethoxy)ethyl ester;  
 $\text{C}_4\text{H}_9\text{OC}_2\text{H}_4\text{OC}_2\text{H}_4\text{OOCCH}_2\text{SCN}$ . (Acetic acid, thiocyno-, diethylene glycol butyl ether ester;  $\beta$ -thiocyanacetate of diethylene glycol monobutyl ether).  
HT garden centipede and *Aphis rumicis*. 648, 1178, 1432, 1457.
- 401-551-592-1014-1021.  
Thiocyanic acid, 2-[2-(ethoxyacetoxy)ethoxy] ethyl ester;  
 $\text{C}_2\text{H}_5\text{OOCCH}_2\text{COOC}_2\text{H}_4\text{OC}_2\text{H}_4\text{SCN}$ . ( $\beta$ -Thiocyano- $\beta'$ -(ethoxyacetoxy)-diethyl ether).  
Fly spray. 112, 1032P.
- 401-551-625-1011-1022.  
Thiocyanic acid, 2-(2-furoxy)ethyl ester;  $(\text{C}_4\text{H}_5\text{O})\text{COOC}_2\text{H}_4\text{SCN}$ . ( $\beta$ -Thiocyano-ethyl furoate).  
Fly spray. 112, 689P.
- 401-551-930-983-1024.  
Stearic acid,  $\alpha$ -thiocyano-, isobornyl ester;  $\text{CH}_3(\text{CH}_2)_{10}\text{CH}(\text{SCN})\text{COOC}_{10}\text{H}_{17}$ .  
Fly spray. 100P, 112.
- 401-551-930-1001-1024.  
*n*-Butyric acid,  $\alpha$ -thiocyano-, bornyl ester;  $\text{C}_4\text{H}_9\text{CH}(\text{SCN})\text{COOC}_{10}\text{H}_{17}$ .  
Fly spray. 102P, 112.
- 401-551-930-1003-1024.  
Propionic acid,  $\alpha$ -thiocyano-, fenchyl ester;  $\text{CH}_3\text{CH}(\text{SCN})\text{COOC}_{10}\text{H}_{17}$ .  
HT houseflies at 5%. 90P, 95P, 102P, 112.
- 401-551-930-1003-1024.  
Propionic acid,  $\beta$ -thiocyano-, fenchyl ester;  $\text{NCSCH}_2\text{CH}_2\text{COOC}_{10}\text{H}_{17}$ .  
MT houseflies at 5%. 95P, 112.
- 401-551-930-1003-1024.  
Propionic acid,  $\alpha$ -thiocyano-, isobornyl ester;  $\text{CH}_3\text{CH}(\text{SCN})\text{COOC}_{10}\text{H}_{17}$ .  
Fly spray. 102P, 112.
- 401-551-930-1011-1024.  
Acetic acid, thiocyno-, bornyl ester;  $\text{NCSCH}_2\text{COOC}_{10}\text{H}_{17}$ .  
Fly spray. 95P, 102P, 112.
- 401-551-930-1011-1024.  
Acetic acid, thiocyno-, isobornyl ester;  $\text{NCSCH}_2\text{COOC}_{10}\text{H}_{17}$ .  
Fly spray. 90P, 102P, 112.
- 401-551-930-1011-1024.  
Acetic acid, thiocyno-, fenchyl ester;  $\text{NCSCH}_2\text{COOC}_{10}\text{H}_{17}$ .  
HT houseflies at 5%. 95P, 112.
- 401-551-932-1001-1024.  
Butric acid,  $\alpha$ -thiocyano-, pinene ester;  $\text{C}_{10}\text{H}_{17}\text{CH}(\text{SCN})\text{COOC}_{10}\text{H}_{15}$ . (Thiocyanobutyrate derived from pinene).  
Fly spray. 97P, 112.
- 401-551-932-1003-1024.  
Propionic acid,  $\alpha$ -thiocyano-, pinene ester;  $\text{CH}_3\text{CH}(\text{SCN})\text{COOC}_{10}\text{H}_{15}$ .  
Fly spray. 102P, 112.
- 401-551-932-1021-1045.  
Coconut oil acids, thiocyno-, bornyl esters. (Bornyl thiocyno fatty acid esters from coconut oil acids).  
Fly spray. 100P, 112.
- 401-551-932-1021-1045.  
Coconut oil acids, thiocyno-, isobornyl esters. (Isobornyl thiocyno fatty acid esters from coconut oil acids).  
Fly spray. 100P, 112.
- 401-551-932-1021-1045.  
Coconut oil acids,  $\alpha$ -thiocyano-, pinene ester.  
Fly spray. 100P, 112.
- 401-551-951-1011-1022.  
Thiocyanic acid, 2-benzyloxyethyl ester;  $\text{C}_6\text{H}_5\text{COOC}_2\text{H}_4\text{SCN}$ .  
Fly spray. 112, 689P.
- 401-551-957-1001-1003-1022.  
Butyric acid,  $\alpha$ -thiocyano-, terpinyl ester;  $\text{CH}_3\text{CH}_2\text{CH}(\text{SCN})\text{COOC}_{10}\text{H}_{17}$ . (Terpinyl thiocyanobutyrate).  
Fly spray. 96P, 112.
- 401-551-957-1001-1003-1022-1030.  
Butyric acid,  $\alpha$ -thiocyano-, terpinolene esters;  $\text{CH}_3\text{CH}_2\text{CH}(\text{SCN})\text{COOC}_{10}\text{H}_{15}$ .  
Fly spray. 92P, 112.
- 401-551-957-1003-1011-1022.  
Acetic acid, thiocyno-, terpinyl ester;  $\text{NCSCH}_2\text{COOC}_{10}\text{H}_{17}$ .  
Fly spray. 96P, 112.
- 401-551-957-1003-1011-1022-1030.  
Acetic acid, thiocyno-, terpinolene ester;  $\text{NCSCH}_2\text{COOC}_{10}\text{H}_{15}$ .  
Fly spray. 97P, 112.
- 401-551-957-1004-1022.  
Propionic acid,  $\alpha$ -thiocyano-, terpinyl ester;  $\text{CH}_3\text{CH}(\text{SCN})\text{COOC}_{10}\text{H}_{17}$ . (Terpinyl thiocyanopropionate).  
Fly spray. 96P, 112.
- 401-551-961-1001-1003-1022.  
Butyric acid, thiocyno-, hydroterpinyl ester;  $\text{NCSCH}_2\text{CH}_2\text{COOC}_{10}\text{H}_{15}$ . (Hydroterpinyl thiocyanobutyrate).  
91P.
- 401-551-961-1003-1011-1022.  
Acetic acid, thiocyno-, hydroterpinyl ester;  $\text{NCSCH}_2\text{COOC}_{10}\text{H}_{15}$ .  
Fly spray. 91P, 112.
- 401-551-961-1003-1021.  
Propionic acid,  $\beta$ -thiocyano-, cyclohexyl ester;  $\text{C}_6\text{H}_{11}\text{OOCCH}_2\text{CH}_2\text{SCN}$ . 673P, 1178, 1202P, 1203P, 1204P.
- 401-551-961-1004-1022.  
Propionic acid, thiocyno-, hydroterpinyl ester;  $\text{NCSCH}_2\text{CH}_2\text{COOC}_{10}\text{H}_{15}$ .  
Fly spray. 91P, 96P, 112.
- 401-551-961-1011-1021.  
Acetic acid, thiocyno-, cyclohexyl ester;  $\text{NCSCH}_2\text{COOC}_6\text{H}_{11}$ . (Cyclohexyl thiocyanacetate). 112, 673P, 1032P, 1178, 1202P, 1203P, 1204P.
- 401-551-975-1011-1022.  
Thiocyanic acid, naphthenoxyloxyethyl ester, CU;  
 $\text{RCOOCH}_2\text{CH}_2\text{SCN}$ . (Thiocyanoethyl ester of naphthenic acid).  
Fly spray. 112, 689P.
- 401-551-989-1011-1021.  
Acetic acid, thiocyno-, dodecyl ester;  $\text{NCSCH}_2\text{COOC}_{12}\text{H}_{25}$ . (Lauryl thiocyanacetate).  
Fly spray. 112, 1032P.
- 401-551-989-1011-1021.  
Thiocyanic acid, 2-lauroxyethyl ester;  $\text{C}_{11}\text{H}_{23}\text{COOCH}_2\text{CH}_2\text{SCN}$ . ( $\beta$ -Thiocyanoethyl ester of lauric acid;  $\beta$ -thiocyano-ethyl laurate).  
Fly spray. 112, 689P, 1032P.
- 401-551-989-1011-1021-1045.  
Carboxylic acid, thiocyno-, lauryl ester, CU;  $\text{RCH}_2(\text{SCN})\text{COOC}_{12}\text{H}_{25}$ .  
Fly spray. 112, 1032P.
- 401-551-993-1003-1021.  
Propionic acid,  $\beta$ -thiocyano-, *sec*-octyl ester;  $\text{C}_8\text{H}_{17}\text{OOCCH}_2\text{H}_4\text{SCN}$ . 673P, 1178, 1202P, 1203P.
- 401-551-993-1011-1021.  
Acetic acid, thiocyno-, *sec*-octyl ester;  $\text{C}_8\text{H}_{17}\text{OOCCH}_2\text{SCN}$ . (*sec*-Octyl thiocyanacetate). 112, 673P, 1032P.
- 401-551-999-1003-1021.  
Propionic acid,  $\beta$ -thiocyano-, amyl ester;  $\text{C}_5\text{H}_{11}\text{OOCCH}_2\text{H}_4\text{SCN}$ . 673P, 1178, 1202P, 1203P, 1204P.
- 401-551-999-1011-1021.  
Acetic acid, thiocyno-, amyl ester;  $\text{C}_5\text{H}_{11}\text{OOCCH}_2\text{SCN}$ .  
Fly spray. 112, 673P, 1032P, 1178, 1202P, 1203P, 1204P.
- 401-551-999-1011-1021-1045.  
Carboxylic acid, thiocyno-, amyl ester, CU;  $\text{RCH}_2(\text{SCN})\text{COOC}_5\text{H}_{11}$ .  
Fly spray. 112, 1032P.
- 401-551-1001-1003-1021.  
Propionic acid,  $\beta$ -thiocyano-, butyl ester;  $\text{C}_4\text{H}_9\text{OOCCH}_2\text{H}_4\text{SCN}$ . 673P, 1178, 1202P, 1203P, 1204P.
- 401-551-1001-1011-1021.  
Acetic acid, thiocyno-, butyl ester;  $\text{C}_4\text{H}_9\text{OOCCH}_2\text{SCN}$ .  
Fly spray. 112, 1032P.

- 401-551-1003-1011-1021.  
Propionic acid,  $\alpha$ -thiocyano-, ethyl ester;  $C_2H_5OOCCH(SCN)CH_3$ .  
T *Aphis rumicis* 648, 1178.
- 401-551-1003-1011-1021.  
Propionic acid,  $\beta$ -thiocyano-, ethyl ester;  $C_2H_5OOCCH_2SCN$ .  
T *Aphis rumicis* 648, 1178.
- 401-551-1003-1021-1027.  
Propionic acid, thiocyno-, esters, CU;  $NCSCH_2CH_2COOR$ . (Esters of  $\beta$ -thiocyanopropionic acid).  
The above formula where R is a hydrocarbon radical.  
Fly spray, 112, 1032P.
- 401-551-1011-1021-1045.  
Coconut oil acids, thiocyno-, ethyl esters.  
Fly spray, 112, 689P.
- 401-551-1011-1022.  
Acetic acid, thiocyno-, methyl ester;  $CH_3OOCCH_2SCN$ . (Methylthiocyanacetate).  
T flies, mosquitoes, and moths. 648, 1178, 1202P, 1432, 1487.
- 401-551-1011-1022-1045.  
Carboxylic acid, thiocyno-, methyl ester, CU;  $RCH(SCN)COOCH_3$ .  
Fly spray, 112, 1032P.
- 401-551-1012-1045.  
Carboxylic acid, thiocyno-, ethyl ester;  $RCH(SCN)COOC_2H_5$ .  
Fly spray, 112, 1032P.
- 401-551-1012-1022.  
Thiocyanic acid, 2-acetoxyethyl ester;  $CH_3COOCH_2CH_2SCN$ . ( $\beta$ -Thiocyanoethyl ester of acetic acid).  
Fly spray, 112, 1032P.
- 401-551-1021-1027.  
Fatty acids, thiocynoethyl esters, CU.  
Fly spray, 112, 814P, 689P.
- 401-551-1027.  
Thiocyanic acid, acyloxyalkyl esters, CU.  
Fly spray, 112, 689P.
- 401-551-1027-1030.  
Fatty acids, thiocyno-, unsaturated aliphatic esters, CU. 314P.
- 401-552-1003-1012-1021.  
Malonic acid, thiocyno-, diethyl ester;  $(C_2H_5OOC)_2CHSCN$ . 112, 1032P, 1178, 1202P.
- 401-571-951-1011-1021.  
Acetophenone,  $\alpha$ -thiocyano-;  $C_6H_5COCH_2SCN$ . (Thiocyanic acid, phenacyl ester? acetophenone,  $\omega$ -thiocyano-).  
T *Aphis rumicis*; NT silkworm. 644, 648, 1178, 1202P.
- 401-571-951-1011-1021.  
Acetophenone, thiocyno-, CU;  $NCSC_6H_5COCH_3$ .  
Fly spray, 112, 1032P.
- 401-571-952-1011-1021.  
Acetophenone,  $p$ -phenyl- $\alpha$ -thiocyano-;  $C_6H_5C_6H_4COCH_2SCN$ .  
16% T mosquito larvae. 487, 1291.
- 401-571-961-1021-1027.  
Cyclohexanone, polyalkylated, thiocyno-. 139P.
- 401-571-1003-1021.  
2-Propanone, 1-thiocyano-,  $CH_3COCH_2SCN$ . (Thiocyno acetone).  
Fly spray, 112, 673P, 1032P, 1178, 1203P.
- 401-581-924-1021.  
Thiocyanic acid, hydroxynaphthyl ester, CU;  $HOCH_2SCN$ . (Thiocyanohydroxynaphthalene).  
Fly spray, 112, 380P, 384P, 385P, 1032P, 1178, 1474P.
- 401-581-961-1021-1027.  
Cyclohexanol, polyalkylated, thiocyno-. 139P.
- 401-591-671-951-1022.  
Thiocyanic acid, aminoanil ester, CU;  $NH_2(C_6H_5O)C_6H_4SCN$ .  
Fly spray, 112, 1032P, 1178, 1202P.
- 401-591-671-951-1022.  
Anisidine,  $\alpha$ -thiocyano-;  $NH_2C_6H_4OCH_2SCN$ . (Thiocyanoanisidine). 674P.
- 401-591-671-952-1021.  
Thiocyanic acid, 2-amino-5-(phenylmethoxy)phenyl ester;  $CaH_5CH_2OC_6H_3(NH_2)SCN$ .  
Fly spray, 112, 688P, 690P, 691P, 692P, 693P, 694P, 695P, 696P.
- 401-591-689-952-1022-1291.  
Thiocyanic acid, 4-aminohydrochloride-3-phenylme-
- thoxyphenyl ester;  $C_6H_5CH_2OC_6H_3(NH_2.HCl)SCN$ .  
Fly spray, 112, 692P.
- 401-591-841-851-951-961-1012-1021.  
Thiocyanic acid, 2-(2-(4-bromo-2-chloro-6-cyclohexylphenoxy)ethoxy)ethyl ester;  $C_6H_{11}C_6H_3(Br)(Cl)OC_2H_4OC_2H_4SCN$ . ( $\beta$ -(2-Chloro-4-bromo-6-cyclohexylphenoxy)- $\beta'$ -thiocyano diethyl ether).  
Fly spray, 112, 223P.
- 401-591-841-851-951-1003-1021.  
Thiocyanic acid, 3-(2-bromo-4-chlorophenoxy) propyl ester;  $Cl(Br)C_6H_4OC_2H_4SCN$ . ( $\gamma$ -Thiocyanopropyl ether of 2-bromo-4-chloro-phenol).  
Fly spray, 112, 208P.
- 401-591-841-852-951-1011-1021.  
Thiocyanic acid, 2-(4-bromo-2, 6-dichlorophenoxy) ethyl ester;  $(Cl)_2(Br)C_6H_3OC_2H_4SCN$ . ( $\beta$ -(2, 6-Dichloro-4-bromo-phenoxy)-ethyl thiocyanate).  
Fly spray, 112, 218P.
- 401-591-841-853-951-1011-1021.  
Thiocyanic acid, 2-(2-bromo-3, 4, 6-trichlorophenoxy)ethyl ester;  $(Cl)_3(Br)C_6H_2OC_2H_4SCN$ . ( $\beta$ -Thiocyano-ethyl ether of 2, 4, 5-trichloro-6-bromo-phenol;  $\beta$ -(2, 4, 5-trichloro-6-bromo-phenoxy)-ethyl-thiocyanate).  
Fly spray, 112, 208P, 218P.
- 401-591-841-951-1001-1021.  
Thiocyanic acid, 3-( $p$ -bromophenoxy)-2-methylpropyl ester;  $BrC_6H_4OC_2H_4CH(CH_3)CH_2SCN$ . ( $\gamma$ -(4-Bromo-phenoxy)-isobutyl-thiocyanate).  
Fly spray, 112, 218P.
- 401-591-841-951-1003-1011-1022.  
Thiocyanic acid, 2-(3-bromocarvacroxy)ethyl ester;  $(CH_3)_2CHC_6H_3(Br)(CH_3)OC_2H_4SCN$ . ( $\beta$ -Thiocyano-ethyl ether of 5-bromo-carvacrol;  $\beta$ -(5-Bromocarvacroxy)ethyl-thiocyanate).  
MT houseflies at 3%, 112, 220P, 221P.
- 401-591-841-951-1003-1021.  
Thiocyanic acid, 3-( $p$ -bromophenoxy)propyl ester;  $BrC_6H_4OC_2H_4SCN$ . ( $\gamma$ -(4-Bromo-phenoxy)-propyl-thiocyanate).  
Fly spray, 112, 218P.
- 401-591-841-951-1011-1021.  
Thiocyanic acid, 2-( $p$ -bromophenoxy)ethyl ester;  $BrC_6H_4OC_2H_4SCN$ . ( $\beta$ -(4-Bromo-phenoxy)-ethyl thiocyanate;  $\beta$ -thiocyano-ethyl ether of 4-bromophenol).  
HT houseflies at 3%, 112, 208P, 218P.
- 401-591-841-951-1012-1021.  
Thiocyanic acid, 2-(2-bromo-4-ethylphenoxy) ethyl ester;  $C_2H_5C_6H_3(Br)OC_2H_4SCN$ . ( $\beta$ -Thiocyanoethyl ether of 2-bromo-4-ethyl phenol;  $\beta$ -(2-bromo-4-ethyl-phenoxy)-ethyl thiocyanate).  
HT houseflies at 3%, 112, 220P, 221P.
- 401-591-841-952-1011-1021.  
Thiocyanic acid, 2-(3-bromo-4-biphenyloxy) ethyl ester;  $C_6H_5C_6H_3(Br)OC_2H_4SCN$ . (Thiocyanic acid, 2-(2-bromo-4-phenylphenoxy) ethyl ester; reaction product of alkali metal thiocyanate and  $\beta$ -chloro-ethyl and 2-bromo-4-phenyl-phenol).  
Fly spray, 112, 804P.
- 401-591-841-952-1022.  
Thiocyanic acid, 4-( $p$ -bromophenoxy) phenyl methyl ester;  $BrC_6H_4OC_2H_4CH_3SCN$ . (4-Thiocyano-methylphenyl-4-bromophenyl ether).  
52% T mealy bugs. 262P.
- 401-591-843-951-1011-1021.  
Thiocyanic acid, 2-(2, 4, 6-tribromophenoxy) ethyl ester;  $Br_3C_6H_2OC_2H_4SCN$ . ( $\beta$ -Thiocyano-ethyl ether of 2, 4, 6-tribromophenol;  $\beta$ -(2, 4, 6-tribromophenoxy)-ethyl thiocyanate).  
Fly spray, 112, 208P, 218P.
- 401-591-851-951-999-1021.  
Thiocyanic acid, 2-( $p$ -chlorophenoxy)amyl ester;  $ClC_6H_4OC_2H_4(C_4H_9)SCN$ . ( $\beta$ -(4-Chlorophenoxy)-amyl thiocyanate).  
Fly spray, 112, 218P.
- 401-591-851-951-999-1021.  
Thiocyanic acid, 5-( $p$ -chlorophenoxy)amyl ester; (Thiocyanic acid,  $p$ -chlorophenoxyamyl ester; thiocyano-pentyl ether of 4-chlorophenol).  
Fly spray, 112, 208P.
- 401-591-851-951-1001-1011-1021.  
Thiocyanic acid, 2-(4-*tert*-butyl-2-chlorophenoxy) ethyl ester;  $(CH_3)_3CC_6H_3(Cl)OC_2H_4SCN$ . ( $\beta$ -Thiocyano-ethyl ether of 2-chloro-4-*tert*-butyl phen-

- ol;  $\beta$ -(2-chloro-4-tertiary-butyl-phenoxy) ethyl thiocyanate).  
Fly spray, 112, 220P, 221P.
- 401-591-851-951-1001-1021.  
Thiocyanic acid, 3-(*p*-chlorophenoxy)isobutyl ester;  $\text{ClC}_6\text{H}_4\text{OCH}_2\text{CH}(\text{CH}_3)\text{CH}_2\text{SCN}$ . ( $\gamma$ -(4-Chlorophenoxy)-isobutyl thiocyanate).  
Fly spray, 112, 218P.
- 401-591-851-951-1002-1021.  
Thiocyanic acid, 3-(4-*tert*-butyl-2-chlorophenoxy)-isobutyl ester;  $(\text{CH}_3)_3\text{CC}_6\text{H}_4(\text{Cl})\text{OCH}_2\text{CH}(\text{CH}_3)\text{CH}_2\text{SCN}$ . (Thiocyanic acid, 3-(4-*tert*-butyl-2-chlorophenoxy)-2-methylpropyl ester;  $\gamma$ -thiocyano-isobutyl ether of 2-chloro-4-tertiary butyl phenol;  $\gamma$ -(2-chloro-4-tertiary-butyl)-isobutyl thiocyanate[sic]).  
HT houseflies at 3%. 112, 220P, 221P.
- 401-591-851-951-1003-1021.  
Thiocyanic acid, 2-(*m*-chlorophenoxy)propyl ester;  $\text{ClC}_6\text{H}_4\text{OCH}(\text{CH}_3)\text{CH}_2\text{SCN}$ . ( $\gamma$ -Thiocyano-propyl ether of 3-chlorophenol).  
Fly spray, 112, 208P.
- 401-591-851-951-1003-1021.  
Thiocyanic acid, 2-(*p*-chlorophenoxy)isopropyl ester;  $\text{ClC}_6\text{H}_4\text{OCH}(\text{CH}_3)\text{CH}_2\text{SCN}$ . (Thiocyanic acid, 2-(*p*-chlorophenoxy)propyl ester;  $\beta$ -(4-chlorophenoxy)-propyl thiocyanate).  
Fly spray, 112, 218P.
- 401-591-851-951-1003-1021.  
Thiocyanic acid, 3-(*o*-chlorophenoxy)propyl ester;  $\text{ClC}_6\text{H}_3\text{OC}_6\text{H}_4\text{SCN}$ . ( $\gamma$ -(2-Chloro-phenoxy)-propyl thiocyanate).  
Fly spray, 112, 218P.
- 401-591-851-951-1011-1021.  
Thiocyanic acid, 2-(*o*-chlorophenoxy)ethyl ester;  $\text{ClC}_6\text{H}_4\text{OC}_6\text{H}_4\text{SCN}$ . ( $\beta$ -(2-Chloro-phenoxy)-ethyl thiocyanate).  
Fly spray, 112, 218P.
- 401-591-851-951-1011-1021.  
Thiocyanic acid, 2-(*p*-chlorophenoxy)ethyl ester;  $\text{ClC}_6\text{H}_4\text{OC}_6\text{H}_4\text{SCN}$ . ( $\beta$ -Thiocyano-ethyl ether of 4-chlorophenol;  $\beta$ -(4-chloro-phenoxy)-ethyl thiocyanate).  
HT houseflies at 3%. 112, 208P, 218P.
- 401-591-851-951-1025.  
*m*-Xylene,  $\alpha,\alpha'$ -dithiocyano-6-chloro-4-methoxy;  $\text{CH}_3\text{OC}_6\text{H}_3(\text{CH}_2\text{SCN})_2\text{Cl}$ ? (Thiocyanate, 1-methoxy-3-chloro-4, 6-xylidyl).  
T as mothproofing agent. 372P, 1175.
- 401-591-851-952-1011-1021.  
Thiocyanic acid, 3-(chlorobiphenyloxy)ethyl ester;  $\text{C}_6\text{H}_5\text{C}_6\text{H}_4(\text{Cl})\text{OC}_2\text{H}_4\text{SCN}$ . (Thiocyanic acid, 2-(3-chlorobiphenylphenoxy)ethyl ester; reaction product of alkali metal thiocyanate and 2-chloroethyl ether of 3-chlorobiphenyl-phenol).  
Fly spray, 112, 864P.
- 401-591-851-952-1011-1021.  
Thiocyanic acid, 2-(5-chloro-2-biphenyloxy) ethyl ester;  $\text{C}_6\text{H}_5\text{C}_4\text{H}_3(\text{Cl})\text{OC}_2\text{H}_4\text{SCN}$ . ( $\beta$ -Thiocyano-ethyl ether of 2-phenyl-4-chloro-phenol; reaction product of alkali metal thiocyanate and  $\beta$ -chloro-ethyl ether of 2-phenyl-4-chlorophenol;  $\beta$ -(2-phenyl-4-chlorophenoxy)-ethyl thiocyanate).  
HT houseflies at 3%. 112, 221P, 864P.
- 401-591-852-951-1001-1011-1021.  
Thiocyanic acid, 2-(4-*tert*-butyl-2, 6-dichlorophenoxy)ethyl ester;  $(\text{CH}_3)_3\text{CC}_6\text{H}_3(\text{Cl})_2\text{OC}_2\text{H}_4\text{SCN}$ . ( $\beta$ -(4-tertiary-Butyl-2, 6-dichlorophenoxy)-ethylthiocyanate).  
HT houseflies at 3%. 112, 221P.
- 401-591-852-951-1003-1021.  
Thiocyanic acid, 2-(2, 4-dichlorophenoxy)isopropyl ester;  $\text{Cl}_2\text{C}_6\text{H}_3\text{OCH}_2\text{CH}(\text{SCN})\text{CH}_3$ . ( $\beta$ -Thiocyano-propyl ether of 2, 4-dichloro-phenol).  
Fly spray, 112, 208P.
- 401-591-852-951-1011-1021.  
Thiocyanic acid, 2-(2, 4-dichlorophenoxy)ethyl ester;  $\text{Cl}_2\text{C}_6\text{H}_3\text{OC}_2\text{H}_4\text{SCN}$ . ( $\beta$ -(2, 4-Dichlorophenoxy)-ethyl thiocyanate).  
Fly spray, 112, 218P.
- 401-591-853-951-997-1021.  
Thiocyanic acid, 2-(2, 4, 6-trichlorophenoxy)heptyl ester;  $\text{Cl}_3\text{C}_6\text{H}_2\text{OCH}(\text{C}_6\text{H}_5)\text{CH}_2\text{SCN}$ . ( $\beta$ -(2, 4, 6-Trichloro-phenoxy)-heptyl thiocyanate).  
Fly spray, 112, 218P.
- 401-591-853-951-1001-1021.  
Thiocyanic acid, 4-(2, 4, 5-trichlorophenoxy)butyl ester;  $\text{Cl}_3\text{C}_6\text{H}_2\text{OC}_4\text{H}_8\text{SCN}$ . (Thiocyanic acid, 4-(2, 4, 5-trichlorophenoxy)-*n*-butyl ester;  $\Delta$ -(2, 4, 5-trichloro-phenoxy)-*n*-butyl thiocyanate).  
Fly spray, 112, 218P.
- 401-591-853-951-1003-1021.  
Thiocyanic acid, 2-(2, 4, 6-trichlorophenoxy)isopropyl ester;  $\text{Cl}_3\text{C}_6\text{H}_2\text{OC}_3\text{H}_7\text{SCN}$ . ( $\beta$ -Thiocyano-propyl ether of 2, 4, 6-trichloro-phenol).  
Fly spray, 112, 208P.
- 401-591-853-951-1003-1021.  
Thiocyanic acid, 3-(2, 4, 6-trichlorophenoxy)propyl ester;  $\text{Cl}_3\text{C}_6\text{H}_2\text{OC}_3\text{H}_7\text{SCN}$ . ( $\gamma$ -Thiocyano-propyl ether of 2, 4, 6-trichloro-phenol;  $\gamma$ -(2, 4, 6-trichlorophenoxy)-propyl thiocyanate).  
HT houseflies at 3%. 112, 208P, 218P.
- 401-591-853-951-1011-1021.  
Thiocyanic acid, 2-(2, 4, 5-trichlorophenoxy)ethyl ester;  $\text{Cl}_3\text{C}_6\text{H}_2\text{OC}_2\text{H}_4\text{SCN}$ . ( $\beta$ -Thiocyano-ethyl ether of 2, 4, 5-trichloro-phenol;  $\beta$ -(2, 4, 5-trichlorophenoxy)-ethyl thiocyanate).  
Fly spray, 112, 208P, 218P.
- 401-591-853-951-1011-1021.  
Thiocyanic acid, 2-(2, 4, 6-trichlorophenoxy)ethyl ester;  $\text{Cl}_3\text{C}_6\text{H}_2\text{OC}_2\text{H}_4\text{SCN}$ . ( $\beta$ -Thiocyano-ethyl ether of 2, 4, 6-trichloro-phenol;  $\beta$ -(2, 4, 6-trichlorophenoxy)-ethyl thiocyanate).  
MT houseflies at 3%. 112, 208P, 218P.
- 401-591-853-1001-1021.  
Thiocyanic acid, 3-(2, 4, 6-trichlorophenoxy)-2-isobutyl ester;  $\text{Cl}_3\text{C}_6\text{H}_2\text{OCH}_2\text{CH}(\text{CH}_3)\text{CH}_2\text{SCN}$ . ( $\gamma$ -Thiocyano-isobutyl ether of 2, 4, 6-trichlorophenol).  
Fly spray, 112, 208P.
- 401-591-855-951-1011-1021.  
Thiocyanic acid, 2-(pentachlorophenoxy)ethyl ester;  $\text{Cl}_5\text{C}_6\text{H}_2\text{OC}_2\text{H}_4\text{SCN}$ . ( $\beta$ -Thiocyano-ethyl ether of pentachlorophenol;  $\beta$ -(pentachloro-phenoxy)-ethyl thiocyanate).  
Fly spray, 112, 208P, 218P.
- 401-591-871-951-1011.  
Thiocyanic acid, 2-(*p*-iodophenoxy) ethyl ester;  $\text{NCSCH}_2\text{CH}_2\text{OC}_6\text{H}_4\text{I}$ . ( $\beta$ -Thiocyano-ethyl ether of 4-iodophenol;  $\beta$ -(4-iodophenoxy)-ethyl thiocyanate).  
110, 112, 208P, 218P.
- 401-591-881-951-1021-1027.  
Thiocyanic acid, halobiphenoxyalkyl esters;  $\text{C}_6\text{H}_5\text{-CaH}_4(\text{X})\text{OCnHnSCN}$ .  
The above formula where *n* represents an integer from 2 to 5, and X represents a member of the group consisting of chlorine, bromine, lower alkyl, and hydrogen.  
Fly spray, 112, 864P.
- 401-591-881-951-1021-1027.  
Thiocyanic acid, halophenoxyalkyl esters. (Thiocyano-alkyl ethers of a halo-phenol).  
Fly spray, 112, 208P.
- 401-591-881-951-1027.  
Thiocyanic acid, (alkylhalophenoxy)alkyl esters. (Thiocyanic acid, alkylhalogenophenoxy esters).  
Fly spray, 112, 220P.
- 401-591-887-951-1021-1027.  
Thiocyanic acid, halophenoxyalkyl esters;  $\text{XmC}_6\text{H}_4\text{-OCnHnSCN}$ .  
The above formula wherein X represents halogen, *n* is an integer from 2 to 6, and *m* is an integer not greater than 5.  
Fly spray, 112, 218P.
- 401-591-951-961-999-1021.  
Thiocyanic acid, 5-(*o*-cyclohexylphenoxy)amyl ester;  $\text{C}_6\text{H}_{11}\text{C}_6\text{H}_4\text{OC}_5\text{H}_{11}\text{SCN}$ . (Thiocyanic acid, *o* cyclohexylphenoxyamyl ester; thiocyano-pentyl ether of ortho-cyclohexyl phenol).  
Fly spray, 112, 863P.
- 401-591-951-961-1001-1021.  
Thiocyanic acid, 3-(*o*-cyclohexylphenoxy)-2-isobutyl ester;  $\text{C}_6\text{H}_{11}\text{C}_6\text{H}_4\text{OCH}_2\text{CH}(\text{CH}_3)\text{CH}_2\text{SCN}$ . ( $\gamma$ -Thiocyano-isobutyl ether of ortho-cyclohexyl phenol).  
Fly Spray, 112, 863P.
- 401-591-951-961-1003-1021.  
Thiocyanic acid, 2-(*o*-cyclohexylphenoxy)isopropyl ester;  $\text{C}_6\text{H}_{11}\text{C}_6\text{H}_4\text{OCH}_2\text{CH}(\text{CH}_3)\text{SCN}$ . ( $\beta$ -Thiocyano-propyl ether of ortho-cyclohexyl phenol).  
Fly spray, 112, 863P.

- 401-591-951-961-1003-1021.  
Thiocyanic acid, 3-(*o*-cyclohexylphenoxy)propyl ester;  
 $C_6H_{11}C_6H_4OC_3H_6SCN$ . ( $\gamma$ -Thiocyanopropyl ether of  
2-cyclohexyl phenol);  $\gamma$ -(2-cyclohexylphenoxy)-propyl  
thiocyanate).  
HT houseflies at 3%, 112, 221P, 863P.
- 401-591-951-961-1003-1021.  
Thiocyanic acid, 3-(*p*-cyclohexylphenoxy)propyl ester;  
 $C_6H_{11}C_6H_4OC_3H_6SCN$ . ( $\gamma$ -Thiocyanopropyl ether  
of para-cyclohexyl phenol).  
Fly spray, 112, 863P.
- 401-591-951-961-1011-1021.  
Thiocyanic acid, 2-(*m*-cyclohexylphenoxy)ethyl ester;  
 $C_6H_{11}C_6H_4OC_2H_4SCN$ . ( $\beta$ -Thiocyano-ethyl ether of  
meta-cyclohexyl phenol).  
Fly spray, 112, 863P.
- 401-591-951-961-1011-1021.  
Thiocyanic acid, 2-(*o*-cyclohexylphenoxy)ethyl ester;  
 $C_6H_{11}C_6H_4OC_2H_4SCN$ . ( $\beta$ -(2-Cyclohexylphenoxy)-  
ethyl thiocyanate;  $\beta$ -thiocyano-ethyl ether of 2-  
cyclohexyl phenol).  
HT houseflies at 3%, 112, 221P, 863P.
- 401-591-951-961-1011-1021.  
Thiocyanic acid, 2-(*p*-cyclohexylphenoxy)ethyl ester;  
 $C_6H_{11}C_6H_4OC_2H_4SCN$ . ( $\beta$ -Thiocyano-ethyl ether of  
para-cyclohexyl phenol).  
Fly spray, 112, 863P.
- 401-591-951-961-1011-1022.  
Thiocyanic acid, 2-(4-cyclohexyl-*o*-toloxy)ethyl ester;  
 $C_6H_{11}C_6H_3(CH_3)OC_2H_4SCN$ . ( $\beta$ -(2-Methyl-4-cyclo-  
hexyl-phenoxy)-ethyl thiocyanate;  $\beta$ -thiocyano-ethyl  
ether of 2-methyl-4-cyclohexyl phenol).  
Fly spray, 112, 219P, 221P.
- 401-591-951-1001-1011-1021.  
Thiocyanic acid, 2-(4-*tert*-butylphenoxy)ethyl ester;  
 $(CH_3)_3CC_6H_4OC_2H_4SCN$ . ( $\beta$ -Thiocyano ethyl ether  
of 4-tertiary butyl phenol;  $\beta$ -(4-tertiary-butylphenoxy)-  
ethyl thiocyanate).  
HT houseflies at 3%, 112, 219P, 221P.
- 401-591-951-1001-1011-1022.  
Thiocyanic acid, 2-(4-*tert*-butyl-*o*-toloxy)ethyl ester;  
 $(CH_3)_3CC_6H_3(CH_3)OC_2H_4SCN$ . ( $\beta$ -Thiocyanoethyl  
ether of 2-methyl-4-tertiary-butyl phenol;  $\beta$ -(2-methyl-  
4-tertiary-butyl-phenoxy)-ethyl thiocyanate).  
Fly spray, 112, 219P, 221P.
- 401-591-951-1002-1003-1021.  
Thiocyanic acid, 3-(2, 4-di-*tert*-butylphenoxy)pro-  
pyl ester;  $[(CH_3)_3C]_2C_6H_3OC_3H_6SCN$ . ( $\gamma$ -(2, 4-  
Ditertiary-butyl-phenoxy)-propyl thiocyanate;  $\gamma$ -  
thiocyano-propyl ether of 2, 4-ditertiarybutyl phenol).  
HT houseflies at 3%, 112, 219P, 221P.
- 401-591-951-1003-1011-1022.  
Thiocyanic acid, 2-carboxyethyl ester;  $(CH_3)_3C-  
CHC_6H_4(CH_3)OC_2H_4SCN$ . ( $\beta$ -Thiocyano-ethyl ether  
of carvacrol;  $\beta$ -carboxy-ethyl thiocyanate).  
HT houseflies at 3%, 112, 219P, 221P.
- 401-591-951-1003-1011-1022.  
Thiocyanic acid, 2-thymoxethyl ester;  $(CH_3)_3CHC_6-  
H_3(CH_3)OC_2H_4SCN$ . ( $\beta$ -Thiocyano-ethyl ether of  
thymol;  $\beta$ -thymox-ethyl thiocyanate).  
HT houseflies at 3%, 112, 219P, 221P.
- 401-591-951-1003-1021.  
Thiocyanic acid, 3-phenoxypropyl ester;  $C_6H_5OC_3H_6-  
SCN$ . ( $\gamma$ -Thiocyanopropyl phenyl ether).  
100% *T. Tetranychus telarius*, melon aphid, long-  
tailed mealybug, European bark beetle, 98% *T.*  
*Aphis rumicis*, potato flea beetle, 81.7% *T.* potato  
aphid, 35-76% *T.* Mexican bean beetle, 10-42% *T.*  
fall cankerworm, and 6.4% *T.* black blister beetle;  
NT rose chafer, 618, 1178, 1432, 1484, 1487.
- 401-591-951-1011-1021.  
Thiocyanic acid, 2-phenoxyethyl ester;  $C_6H_5OC_2H_4-  
SCN$ .  
*T. Aphis rumicis* with slight injury to plant. 648,  
1178.
- 401-591-951-1011-1022.  
Thiocyanic acid, 2-toloxethyl ester;  $CH_3C_6H_4OC_2H_4-  
SCN$ .  $\beta$ -Thiocyano-ethyl ethers of common wood  
phenols).  
HT houseflies at 3%, 112, 219P.
- 401-591-951-1011-1023.  
Thiocyanic acid, 2-(dimethylphenoxy)ethyl ester;  
 $(CH_3)_2C_6H_4OC_2H_4SCN$ . ( $\beta$ -(Dimethyl-phenoxy)-  
ethyl thiocyanate;  $\beta$ -thiocyano-ethyl ethers of a  
xylene mixture).
- Fly spray, 112, 219P, 221P.
- 401-591-951-1021-1045.  
Thiocyanic acid, nuclear substituted phenoxyalkyl  
esters;  $RnC_6H_4(X)nOCnHnSCN$ . (Nuclear substi-  
tuted phenoxyalkyl thiocyanates).  
The above formula where R represents a hydrocarbon  
radical; X represents a member of the group con-  
sisting of alkyl, cycloalkyl, aralkyl, aryl, aryloxy,  
lower alkoxy, and alkenyl radicals, halogen and hy-  
drogen; n represents an integer from 2 to 6; each  
m represents an integer not greater than 2; and the  
nuclear substituted phenoxy group contains at least  
8 carbon atoms.  
Fly spray, 112, 221P.
- 401-591-951-1027.  
Thiocyanic acid, alkylphenoxyalkyl esters;  $ROCn-  
HnSCN$ .  
The above formula where n represents an integer  
from 2 to 5 and R represents an alkylated phenyl  
radical containing at least 8 carbon atoms.  
Fly spray, 112, 219P.
- 401-591-952-999-1021.  
Thiocyanic acid, 5-(3-biphenyloxy)amyl ester;  
 $C_6H_5C_6H_4OC_5H_{11}SCN$ . (Thiocyanic acid, 3-phenyl-  
phenoxy-pentyl ester; reaction product of alkali metal  
thiocyanate of chloro-pentyl ether of 3-phenylphenol).  
Fly spray, 112, 864P.
- 401-591-952-1001-1011-1021.  
Thiocyanic acid, 2-(5-*tert*-butyl-2-biphenyloxy)  
ethyl ester;  $C_6H_5C_6H_3(C(CH_3)_3)OC_2H_4SCN$ . ( $\beta$ -Thio-  
cyano-ethyl ether of 2-phenyl-4-tertiary butyl phenol;  
 $\beta$ -(2-phenyl-4-tertiary-butyl-phenoxy)-ethyl-thio-  
cyanate).  
HT houseflies at 3%, 112, 221P, 864P.
- 401-591-952-1001-1021.  
Thiocyanic acid, 3-(2-biphenyloxy)isobutyl ester;  
 $C_6H_5C_6H_4OCH_2CH(CH_3)CH_2SCN$ . (Thiocyanic acid,  
3-(*o*-phenylphenoxy)-2-methyl-propyl ester; reaction  
product of alkali metal thiocyanate and  $\gamma$ -chloro-  
isobutyl ether of 2-phenylphenol).  
Fly spray, 112, 864P.
- 401-591-952-1001-1023.  
Thiocyanic acid, 5-*tert*-butyl-2-phenylmethoxy benzyl  
ester;  $C_6H_5CH_2OC_5H_9[C(CH_3)_3]CH_2SCN$ .  
Fly spray, 112, 692P.
- 401-591-952-1003-1012-1021.  
Thiocyanic acid, 2-(5-isopropyl-2-phenylphenoxy)  
ethyl ester;  $(CH_3)_2CHC_6H_4(C_6H_5)OC_2H_4SCN$ . (Re-  
action product of alkali metal thiocyanate and  $\beta$ -  
chloro-ethyl-ether of 2-phenyl-4-isopropyl phenol).  
Fly spray, 112, 864P.
- 401-591-952-1003-1021.  
Thiocyanic acid, 2-(2-biphenyloxy)isopropyl ester;  
 $C_6H_5C_6H_4OCH_2CH(CH_3)SCN$ . (Thiocyanic acid, 2-  
(*o*-phenylphenoxy)-1-methylethyl ester; reaction prod-  
uct of alkali metal thiocyanate and  $\beta$ -chloro-propyl  
ether of 2-phenylphenol).  
Fly spray, 112, 864P.
- 401-591-952-1003-1021.  
Thiocyanic acid, 3-(3-biphenyloxy)propyl ester;  
 $C_6H_5C_6H_4OC_3H_6SCN$ . ( $\gamma$ -Thiocyano-propyl ether  
of 3-phenyl phenol;  $\gamma$ -(3-phenylphenoxy)-propyl  
thiocyanate).  
MT houseflies at 3%, 112, 221P, 864P.
- 401-591-952-1003-1021.  
Thiocyanic acid, 3-(2-biphenyloxy)propyl ester;  
 $C_6H_5C_6H_4OC_3H_6SCN$ . ( $\gamma$ -Thiocyano-propyl ether of  
2-phenylphenol;  $\gamma$ -(2-phenyl-phenoxy)-propyl thio-  
cyanate).  
HT houseflies at 3%, 112, 221P, 864P.
- 401-591-952-1011-1021.  
Thiocyanic acid, 2-(2-biphenyloxy)ethyl ester;  
 $C_6H_5C_6H_4OC_2H_4SCN$ . (Thiocyanic acid, 2-(*o*-phenyl-  
phenoxy)ethyl ester;  $\beta$ -thiocyano-ethyl ether of 2-  
phenyl phenol;  $\beta$ -(2-phenyl-phenoxy)-ethyl-thio-  
cyanate).  
MT houseflies at 3%, 112, 221P, 864P.
- 401-591-952-1011-1021.  
Thiocyanic acid, 2-(3-biphenyloxy)ethyl ester;  
 $C_6H_5C_6H_4OC_2H_4SCN$ . ( $\beta$ -(3-Phenyl-phenoxy)-ethyl  
thiocyanate;  $\beta$ -thiocyano-ethyl ether of 3-phenyl-  
phenol).  
HT houseflies at 3%, 112, 221P, 864P.
- 401-591-952-1011-1021.  
Thiocyanic acid, 2-(4-biphenyloxy)ethyl ester;

- (Thiocyanic acid, 2-xenoxyethyl ester;  $\beta$ -thiocyanoethyl ether of 4-phenyl phenol; reaction product of alkali metal thiocyanate and  $\beta$ -chloro-ethyl ether of 4-phenyl-phenol).  
Fly spray. 112, 854P.
- 401-591-952-1011-1022.  
Thiocyanic acid, 2-(4-phenyl-o-toloxyl)ethyl ester;  $C_6H_5C_6H_4(CH_3)OC_2H_4SCN$ . (Reaction product of alkali metal thiocyanate and  $\beta$ -bromo-ethyl ether of 2-methyl-4-phenylphenol).  
Fly spray. 112, 884P.
- 401-591-952-1022.  
Thiocyanic acid, phenylmethoxyphenyl ether, CU;  $C_6H_5CH_2OC_6H_4SCN$ . (Thiocyanophenyl benzyl ether).  
Fly spray. 112, 892P.
- 401-591-952-1022.  
Thiocyanic acid,  $\alpha$ -phenoxy-p-tolyl ester;  $C_6H_5OCH_2-C_6H_4SCN$ . (4-Thiocyanomethylphenyl phenyl ether). 52% T mealy bugs and 99% T small mealy bugs on Coleus. 282P.
- 401-591-952-1023.  
Thiocyanic acid, p-phenylmethoxybenzyl ester;  $C_6H_5CH_2OC_6H_4CH_2SCN$ . (Thiocyanic acid, 4-(phenylmethoxy)benzyl ester).  
Fly spray. 112, 692P.
- 401-591-952-1023.  
Thiocyanic acid, phenylmethoxybenzyl ester, CU;  $C_6H_5CH_2OC_6H_4CH_2SCN$ . (Thiocyanic acid, phenylmethoxyphenylmethyl ester; thiocyanomethyl phenyl benzyl ether).  
Fly spray. 112, 692P.
- 401-591-953-1021.  
Thiocyanic acid, phenylalkoxybenzyl ester. (A phenyl benzyl ether having a phenyl substituent containing a thiocyanate group).  
Fly spray. 112, 692P.
- 401-591-953-1023.  
Thiocyanic acid, 3-phenyl-4-phenylmethoxybenzyl ester;  $C_6H_5CH_2OC_6H_4(C_6H_5)CH_2SCN$ .  
Fly spray. 112, 692P.
- 401-591-961-1021-1027.  
Thiocyanic acid, cyclohexylphenoxy alkyl esters. (Thiocyanate-alkyl ethers of cyclohexylphenol).  
Fly spray. 112, 863P.
- 401-591-1001-1011-1021.  
Thiocyanic acid, 2-butoxyethyl ester;  $C_4H_9OC_2H_4SCN$ . ( $\beta$ -Thiocyanoethyl butyl ether; 2-butoxyethyl thiocyanate).  
Fly spray. 112, 673P, 1032P, 1178, 1203P, 1204P.
- 401-591-1003-1011-1021.  
Thiocyanic acid, 2-propoxyethyl ester;  $C_3H_7OCH_2CH_2SCN$ . (Thiocyanic acid ester of monopropyl ether of ethylene glycol).  
Fly spray. 112, 1032P.
- 401-591-1011-1022.  
Thiocyanic acid, 2-methoxyethyl ester;  $CH_3OC_2H_4SCN$ . ( $\beta$ -Thiocyanoethyl methyl ether).  
T *Aphis rumicis* and houseflies. 112, 648, 1032P, 1178.
- 401-591-1012-1021.  
Thiocyanic acid, 2-ethoxyethyl ester;  $C_2H_5OC_2H_4SCN$ . ( $\beta$ -Thiocyanoethyl ethyl ether).  
T *Aphis rumicis* and houseflies. 112, 648, 1032P, 1178.
- 401-592-841-851-951-993-1012-1021.  
Thiocyanic acid, 2-[2-(2-bromo-4-chloro-6-octylphenoxy)ethoxy]ethyl ester;  $C_8H_{17}C_6H_3(Cl)(Br)OC_2H_4OC_2H_4SCN$ . ( $\beta$ -(2-n-octyl-4-chloro-6-bromo-phenoxy)- $\beta'$ -thiocyano-diethyl ether).  
Fly spray. 112, 224P.
- 401-592-841-851-952-1012-1021.  
Thiocyanic acid, 2-[2-(3-bromo-5-chloro-4-biphenyloxy)ethoxy]ethyl ester;  $C_6H_5C_6H_3(Br)(Cl)OC_2H_4OC_2H_4SCN$ . ( $\beta$ -(3-Chloro-5-bromo-4-xenoxy)- $\beta'$ -thiocyano-diethyl ether).  
Fly spray. 112, 223P.
- 401-592-841-852-951-1012-1021.  
Thiocyanic acid, 2-[2-(2-bromo-4, 6-dichlorophenoxy)ethoxy]ethyl ester;  $(Cl)_2(C_6H_3)(Br)OC_2H_4OC_2H_4SCN$ . ( $\beta$ -(2-Bromo-4, 6-dichlorophenoxy)- $\beta'$ -thiocyano-diethyl ether).  
Fly spray. 112, 217P.
- 401-592-841-853-951-1002-1021.  
Thiocyanic acid, 2-[2-(4-bromo-2, 3, 6-trichlorophenoxy)butoxy]-1-ethylethyl ester;  $(Cl)_3(Br)C_6H_3$
- $HOCH(C_6H_5)CH_2OCH_2CH(C_6H_5)SCN$ . ( $\beta$ -(2, 3, 6-Trichloro-4-bromophenoxy)- $\beta'$ -thiocyano-di-butyl ether).  
Fly spray. 112, 217P.
- 401-592-841-851-1000-1012-1021.  
Thiocyanic acid, 2-[2-(2-bromo-4, 6-di-tert-amylphenoxy)ethoxy]ethyl ester;  $[C_6H_5(CH_3)_2C]_2C_6H_3(Br)OC_2H_4OC_2H_4SCN$ . ( $\beta$ -(2, 4-Ditertiary-amyl-6-bromo-phenoxy)- $\beta'$ -thiocyano-diethyl ether).  
Fly spray. 112, 224P.
- 401-592-841-951-1003-1011-1022.  
Thiocyanic acid, 3-[3-(2-bromo-5-methylphenoxy)ethoxy]propyl ester;  $CH_3C_6H_3(Br)OC_2H_4OC_2H_4SCN$ . [ $\beta$ -(3-Methyl-6-bromo-phenoxy-ethyl) ( $\gamma$ -thiocyano-propyl) ether].  
Fly spray. 112, 234P.
- 401-592-841-951-1003-1012-1022.  
Thiocyanic acid, 2-[2-(4-bromocaroxyethoxy)ethoxy]ethyl ester;  $(CH_3)_2CHC_6H_3(Br)(CH_3)OC_2H_4OC_2H_4SCN$ . ( $\beta$ -(2-Methyl-5-isopropyl-4-bromo-phenoxy)- $\beta'$ -thiocyano-diethyl ether).  
Fly spray. 112, 224P.
- 401-592-841-951-1004-1012-1021.  
Thiocyanic acid, 2-[2-(4-bromo-2, 5-diisopropylphenoxy)ethoxy]ethyl ester;  $[C(CH_3)_2CH]_2C_6H_3(Br)OC_2H_4OC_2H_4SCN$ . ( $\beta$ -(2, 5-Diisopropyl-4-bromophenoxy)- $\beta'$ -thiocyano-diethyl ether).  
Fly spray. 112, 224P.
- 401-592-841-951-1004-1021.  
Thiocyanic acid, 3-[3-(2-bromo-4-isopropylphenoxy)propoxy]propyl ester;  $(CH_3)_2CHC_6H_3(Br)OC_2H_4OC_2H_4SCN$ . ( $\gamma$ -(4-Isopropyl-2-bromo-phenoxy)- $\gamma'$ -thiocyano-dipropyl ether).  
Fly spray. 112, 224P.
- 401-592-841-951-1012-1022.  
Thiocyanic acid, 2-[2-(4-bromo-o-toloxyl)ethoxy]ethyl ester;  $CH_3C_6H_3(Br)OC_2H_4OC_2H_4SCN$ . ( $\beta$ -(2-Methyl-4-bromophenoxy)- $\beta'$ -thiocyano-diethyl ether).  
Fly spray. 112, 224P.
- 401-592-842-951-1004-1021.  
Thiocyanic acid, 3-[3-(2, 4-dibromophenoxy)propoxy]propyl ester;  $BrC_6H_3OC_2H_4OC_2H_4SCN$ . ( $\gamma$ -(2, 4-Dibromophenoxy)- $\gamma'$ -thiocyano-dipropyl ether).  
Fly spray. 112, 217P.
- 401-592-842-952-1003-1011-1021.  
Thiocyanic acid, 3-[2-(3, 5-dibromo-2-biphenyloxy)ethoxy]propyl ester;  $C_6H_5C_6H_3(Br)_2OC_2H_4OC_2H_4SCN$ . [ $\beta$ -(3, 5-Dibromo-2-xenoxy-ethyl) ( $\gamma'$ -thiocyano-propyl) ether].  
Fly spray. 112, 223P.
- 401-592-843-951-1012-1021.  
Thiocyanic acid, 2-[2-(2, 4, 6-tribromophenoxy)ethoxy]ethyl ester;  $Br_3C_6H_3OC_2H_4OC_2H_4SCN$ . ( $\beta$ -(2, 4, 6-Tribromophenoxy)- $\beta'$ -thiocyano-diethyl ether).  
Fly spray. 112, 217P.
- 401-592-844-952-1012-1021.  
Thiocyanic acid, 2-[2-(2, 4, 5, 6-tetrabromo-3-biphenyloxy)ethoxy]ethyl ester;  $C_6H_5C_6H_3(Br)_4OC_2H_4OC_2H_4SCN$ . (Thiocyanic acid, 2-[2-(3-phenyl-2, 4, 5, 6-tetrabromophenoxy)ethoxy]ethyl ester;  $\beta$ -(2, 4, 5, 6-tetrabromo-3-xenoxy)- $\beta'$ -thiocyano-diethyl ether).  
Fly spray. 112, 223P.
- 401-592-851-951-961-1012-1021.  
Thiocyanic acid, 2-[2-(2-chloro-6-cyclohexylphenoxy)ethoxy]ethyl ester;  $C_6H_{11}C_6H_4(Cl)OC_2H_4OC_2H_4SCN$ . ( $\beta$ -(2-Cyclohexyl-6-chlorophenoxy)- $\beta'$ -thiocyano-diethyl ether).  
Fly spray. 112, 223P.
- 401-592-851-951-985-1012-1021.  
Thiocyanic acid, 2-[2-(2-chloro-4-hexadecylphenoxy)ethoxy]ethyl ester;  $C_{16}H_{33}C_6H_3(Cl)OC_2H_4OC_2H_4SCN$ . ( $\beta$ -(4-Hexadecyl-6-chlorophenoxy)- $\beta'$ -thiocyano-diethyl ether).  
Fly spray. 112, 224P.
- 401-592-851-951-998-1011-1021.  
Thiocyanic acid, (2-chloro-4-ethylphenoxy)hexoxyhexyl ester;  $C_2H_5C_6H_3(Cl)OC_6H_{13}OC_6H_{13}SCN$ . ((4-Ethyl-6-chloro-phenoxy-hexyl) (thiocyano-hexyl) ether).  
Fly spray. 112, 224P.
- 401-592-851-951-1001-1012-1021.  
Thiocyanic acid, 2-[2-(4-tert-butyl-2-chlorophenoxy)ethoxy]ethyl ester;  $(CH_3)_3CC_6H_3(Cl)OC_2H_4$

- OC<sub>2</sub>H<sub>4</sub>SCN. ( $\beta$ -(4-*tert*-Butyl-2-chloro-phenoxy)- $\beta'$ -thiocyano-diethyl ether).  
Fly spray. 112, 224P.
- 401-592-851-951-1002-1004-1021.  
Thiocyanic acid, 2-[2-(3-chloro-2, 4, 6-*tert*-butyl-phenoxy)propoxy]propyl ester; [(CH<sub>3</sub>)<sub>3</sub>C]<sub>3</sub>C<sub>6</sub>H<sub>3</sub>(Cl)-OC<sub>2</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>SCN. ( $\beta$ -(2, 4, 6-Tertiary-butyl-3-chloro-phenoxy)- $\beta'$ -thiocyano-dipropyl ether).  
Fly spray. 112, 224P.
- 401-592-851-951-1002-1022.  
Thiocyanic acid, 4-[4-(3-methyl-4-chlorophenoxy)butoxy]butyl ester; CH<sub>3</sub>C<sub>6</sub>H<sub>3</sub>(Cl)OC<sub>2</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>SCN. (Thiocyanic acid, 4-[4-(4-chloro-*m*-toloxy)butoxy]butyl ester;  $\Delta$ -(3-Methyl-4-chloro-phenoxy)- $\Delta'$ -thiocyano-dibutyl ether).  
Fly spray. 112, 224P.
- 401-592-851-951-1003-1012-1022.  
Thiocyanic acid, 2-[2-(4-chloro-2-isopropyl-5-methylphenoxy)ethoxy]ethyl ester; (CH<sub>3</sub>)<sub>2</sub>CHC<sub>6</sub>H<sub>3</sub>(Cl)-(CH<sub>3</sub>)OC<sub>2</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>SCN. ( $\beta$ -(2-Isopropyl-5-methyl-4-chloro-phenoxy)- $\beta'$ -thiocyano-diethyl ether).  
Fly spray. 112, 224P.
- 401-592-851-951-1012-1021.  
Thiocyanic acid, 2-[2-(*p*-chlorophenoxy)ethoxy]ethyl ester; ClC<sub>6</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>SCN. ( $\beta$ -Thiocyano- $\beta'$ -(*p*-chlorophenoxy) diethyl ether).  
Fly spray. 112, 1032P.
- 401-592-851-951-1012-1022.  
Thiocyanic acid, 2-[2-(*o*-chlorophenoxy)ethoxy]ethyl ester; ClC<sub>6</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>SCN. ( $\beta$ -Thiocyano- $\beta'$ -(*o*-chlorophenoxy) diethyl ether).  
Fly spray. 112, 1032P.
- 401-592-851-951-1012-1024.  
Thiocyanic acid, 2-[2-(2-chloro-3, 4, 6-trimethylphenoxy)ethoxy]ethyl ester; (CH<sub>3</sub>)<sub>3</sub>C<sub>6</sub>H<sub>3</sub>(Cl)OC<sub>2</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>SCN. ( $\beta$ -(2, 4, 5-Tri-methyl-6-chloro-phenoxy)- $\beta'$ -thiocyano-diethyl ether).  
Fly spray. 112, 224P.
- 401-592-851-951-1012-1025.  
Thiocyanic acid, 2-[2-(chlorotetramethylphenoxy)ethoxy]ethyl ester, CU; (CH<sub>3</sub>)<sub>4</sub>C<sub>6</sub>(Cl)OC<sub>2</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>SCN. ( $\beta$ -(Tetra-methyl-chloro-phenoxy)- $\beta'$ -thiocyano-diethyl ether).  
Fly spray. 112, 224P.
- 401-592-851-952-1004-1021.  
Thiocyanic acid, 3-[3-(3-chloro-2-phenylphenoxy)propoxy]propyl ester, CU; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>3</sub>(Cl)OC<sub>2</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>SCN. ( $\gamma$ -(3-Chloro-2-xenox)- $\gamma'$ -thiocyano-dipropyl ether).  
Fly spray. 112, 223P.
- 401-592-851-952-1004-1021.  
Thiocyanic acid, 3-[2-(3-chloro-4-phenylphenoxy)propoxy]propyl ester; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>3</sub>(Cl)OCH(CH<sub>3</sub>)CH<sub>2</sub>OC<sub>2</sub>H<sub>4</sub>SCN. ( $\beta$ -(3-Chloro-4-xenox)- $\gamma'$ -thiocyano-dipropyl ether).  
Fly spray. 112, 223P.
- 401-592-851-952-1012-1021.  
Thiocyanic acid, 2-[2-(3-chloro-4-phenylphenoxy)ethoxy]ethyl ester; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>3</sub>(Cl)OC<sub>2</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>SCN. ( $\beta$ -(3-Chloro-4-xenox)- $\beta'$ -thiocyano-diethyl ether).  
Fly spray. 112, 223P.
- 401-592-851-952-1012-1022.  
Thiocyanic acid, 2-[2-(5-chloro-3-methyl-2-phenylphenoxy)ethoxy]ethyl ester; C<sub>6</sub>H<sub>3</sub>C<sub>6</sub>H<sub>3</sub>(CH<sub>3</sub>)(Cl)-OC<sub>2</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>SCN. ( $\beta$ -(3-Methyl-5-chloro-2-xenox)- $\beta'$ -thiocyano-diethyl ether).  
Fly spray. 112, 223P.
- 401-592-851-1001-1012-1021.  
Thiocyanic acid, 2-[1-(2-chloroethoxy)-2-methylpropoxy]ethyl ester; (CH<sub>3</sub>)<sub>2</sub>CHCH(OC<sub>2</sub>H<sub>4</sub>Cl)OC<sub>2</sub>H<sub>4</sub>SCN. ( $\alpha$ -( $\beta$ -Thiocyanoethoxy)- $\alpha'$ -( $\beta'$ -chloroethoxy)- $\beta$ -methylpropane).  
Fly spray. 112, 1032P.
- 401-592-852-951-1001-1011-1021.  
Thiocyanic acid, 4-[2-(2, 5-dichlorophenoxy)ethoxy]butyl ester; Cl<sub>2</sub>C<sub>6</sub>H<sub>3</sub>OC<sub>2</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>SCN. [( $\beta$ -2, 5-Dichlorophenoxy-ethyl) ( $\Delta'$ -thiocyano-butyl) ether].  
Fly spray. 112, 217P.
- 401-592-852-951-1001-1012-1021.  
Thiocyanic acid, 2-[2-(4-*tert*-butyl-2, 6-dichlorophenoxy)ethoxy]ethyl ester; (CH<sub>3</sub>)<sub>3</sub>CC<sub>6</sub>H<sub>3</sub>(Cl)<sub>2</sub>OC<sub>2</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>SCN. ( $\beta$ -(4-*tert*-Butyl-2, 6-dichlorophenoxy)- $\beta'$ -thiocyano-diethyl ether).  
HT houseflies at 3%. 112, 224P.
- 401-592-852-951-1012-1022.  
Thiocyanic acid, 2-[2-(4, 6-dichloro-2-methylphenoxy)ethoxy]ethyl ester; ClH<sub>3</sub>C<sub>6</sub>H<sub>3</sub>(Cl)<sub>2</sub>OC<sub>2</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>SCN. (Thiocyanic acid, 2-[2-(4, 6-dichloro-*o*-toloxy)ethoxy]ethyl ester;  $\beta$ -(2-methyl-4, 6-dichloro-phenoxy)- $\beta'$ -thiocyano-diethyl ether).  
Fly spray. 112, 224P.
- 401-592-852-951-1012-1024.  
Thiocyanic acid, 2-[2-(2, 5-dichloro-3, 4, 6-trimethylphenoxy)ethoxy]ethyl ester; (CH<sub>3</sub>)<sub>3</sub>C<sub>6</sub>H<sub>3</sub>(Cl)<sub>2</sub>OC<sub>2</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>SCN. ( $\beta$ -(2, 4, 5-Trimethyl-3, 6-dichlorophenoxy)- $\beta'$ -thiocyano-diethyl ether).  
Fly spray. 112, 224P.
- 401-592-853-951-998-1021.  
Thiocyanic acid, 2-[2-(2, 4, 5-trichlorophenoxy)-2-butylethoxy] 1-butylethyl ester; Cl<sub>3</sub>C<sub>6</sub>H<sub>3</sub>OCH(C<sub>4</sub>H<sub>9</sub>)CH<sub>2</sub>OCH<sub>2</sub>CH(C<sub>4</sub>H<sub>9</sub>)SCN. (Thiocyanic acid, 2-[2-(2, 4, 5-trichlorophenoxy)hexoxymethyl]amyl ester;  $\beta$ -(2, 4, 5-trichlorophenoxy)- $\beta'$ -thiocyano-dihexyl ether).  
Fly spray. 112, 217P.
- 401-592-853-951-1000-1021.  
Thiocyanic acid, 5-[5-(2, 4, 6-trichlorophenoxy)amoxyl]amyl ester; Cl<sub>3</sub>C<sub>6</sub>H<sub>3</sub>OC<sub>2</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>SCN. (Thiocyanic acid, 2, 4, 6-trichlorophenoxyamoxyl ester; [(2, 4, 6-trichlorophenoxy-amy)] (thiocyano-amy)] ether).  
Fly spray. 112, 217P.
- 401-592-853-951-1001-1012-1021.  
Thiocyanic acid, 2-[2-(*tert*-butyl-3, 4, 6-trichlorophenoxy)ethoxy]ethyl ester; (CH<sub>3</sub>)<sub>3</sub>CC<sub>6</sub>H<sub>3</sub>(Cl)<sub>3</sub>OC<sub>2</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>SCN. ( $\beta$ -(2-*tert*-Butyl-3, 4, 6-trichlorophenoxy)- $\beta'$ -thiocyano-diethyl ether).  
Fly spray. 112, 224P.
- 401-592-853-951-1003-1011-1021.  
Thiocyanic acid, 3-[2-(2, 4, 6-trichlorophenoxy)ethoxy]propyl ester; Cl<sub>3</sub>C<sub>6</sub>H<sub>3</sub>OC<sub>2</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>SCN. [( $\beta$ -2, 4, 6-Trichlorophenoxy-ethyl) ( $\gamma'$ -thiocyano-propyl) ether].  
Fly spray. 112, 217P.
- 401-592-853-951-1012-1021.  
Thiocyanic acid, 2-[2-(2, 4, 6-trichlorophenoxy)ethoxy]ethyl ester; Cl<sub>3</sub>C<sub>6</sub>H<sub>3</sub>OC<sub>2</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>SCN. ( $\beta$ -(2, 4, 6-Trichlorophenoxy)- $\beta'$ -thiocyano-diethyl ether).  
HT houseflies at 3%. 112, 217P.
- 401-592-853-952-1012-1021.  
Thiocyanic acid, 2-[2-(2, 3, 5-trichloro-6-phenylphenoxy)ethoxy]ethyl ester; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>3</sub>(Cl)<sub>3</sub>OC<sub>2</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>SCN. ( $\beta$ -(3, 5, 6-Trichloro-2-xenox)- $\beta'$ -thiocyano-diethyl ether).  
Fly spray. 112, 223P.
- 401-592-854-951-1012-1021.  
Thiocyanic acid, 2-[2-(2, 3, 4, 6-tetrachlorophenoxy)ethoxy]ethyl ester; Cl<sub>4</sub>C<sub>6</sub>H<sub>2</sub>OC<sub>2</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>SCN. ( $\beta$ -(2, 3, 4, 6-Tetrachlorophenoxy)- $\beta'$ -thiocyano-diethyl ether).  
Fly spray. 112, 217P.
- 401-592-854-951-1012-1022.  
Thiocyanic acid, 2-[2-(3-methyl-2, 4, 5, 6-tetrachlorophenoxy)ethoxy]ethyl ester; CH<sub>3</sub>C<sub>6</sub>H<sub>2</sub>(Cl)<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>SCN. ( $\beta$ -(3-Methyl-2, 4, 5, 6-tetra-chloro-phenox)- $\beta'$ -thiocyano-diethyl ether).  
Fly spray. 112, 224P.
- 401-592-855-951-1012-1021.  
Thiocyanic acid, 2-[2-(2, 3, 4, 5, 6-pentachlorophenoxy)ethoxy]ethyl ester; Cl<sub>5</sub>C<sub>6</sub>HOC<sub>2</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>SCN. (Thiocyanic acid, 2-[2-(pentachlorophenoxy)ethoxy]ethyl ester;  $\beta$ -(pentachlorophenoxy)- $\beta'$ -thiocyano-diethyl ether).  
Fly spray. 112, 217P.
- 401-592-871-951-991-1004-1021.  
Thiocyanic acid, 3-[3-(4-cyclohexyl-2-iodophenoxy)propoxy]propyl ester; C<sub>6</sub>H<sub>11</sub>C<sub>6</sub>H<sub>3</sub>(I)OC<sub>2</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>SCN. ( $\gamma$ -(2-Iodo-4-cyclohexyl-phenox)- $\gamma'$ -thiocyano-dipropyl ether). 110, 112, 223P.
- 401-592-871-951-997-1012-1021.  
Thiocyanic acid, 2-[2-(4-*tert*-hexyl-2-iodophenoxy)ethoxy]ethyl ester; C<sub>6</sub>H<sub>13</sub>C<sub>6</sub>H<sub>3</sub>(I)OC<sub>2</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>SCN. ( $\beta$ -(2-Iodo-4-*tert*-hexyl-phenox)- $\beta'$ -thiocyano-diethyl ether). 110, 112, 224P.
- 401-592-871-952-1012.  
Thiocyanic acid, 2-[2-(3-iodo-2-phenylphenoxy)ethoxy]ethyl ester; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>3</sub>(I)OC<sub>2</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>SCN. ( $\beta$ -(3-Iodo-2-xenox)- $\beta'$ -thiocyano-diethyl ether). 110, 112, 223P.



- 401-592-872-951-1012.  
Thiocyanic acid, 2-[2-(2, 4-diiodophenoxy)ethoxy] ethyl ester;  $I_2C_6H_3OC_2H_4OC_2H_4SCN$ . ( $\beta$ -(2, 4-Diiodo-phenoxy)- $\beta'$ -thiocyano-diethyl ether). 110, 112, 217P.
- 401-592-881-951-1021-1027.  
Thiocyanic acid, halophenoxyalkoxy alkyl esters;  $(C_nH_{2n+1})_aC_6H_3(X)_bORORSCN$ . (Monohalophenoxy alkyl thiocyanalkyl esters).  
The above formula wherein R represents an alkylene radical, X represents halogen, n, a, and b are integers, and the sum of a and b is not greater than 5.  
Fly spray. 112, 224P.
- 401-592-887-951-975-1021-1027.  
Thiocyanic acid, phenoxyalkoxyalkyl ester, substituted;  $XnC_6H_3(Y)ORORSCN$ .  
The above formula wherein R represents an alkylene radical; Y represents a carbocyclic group containing 6 carbon atoms; X represents a member of the group consisting of lower alkyl, halogen and hydrogen; and n is an integer not greater than 4.  
Fly spray. 112, 223P.
- 401-592-887-951-1021-1027-1033.  
Thiocyanic acid, polyhalophenoxy alkyleneoxy alkyl esters;  $XnC_6H_3ORORSCN$ . (Polyhalophenoxy alkyl-thiocyanalkyl esters).  
The above formula wherein R represents an alkylene radical, X represents halogen, and n is an integer from 3 to 5.  
Fly spray. 112, 217P.
- 401-592-910-1012-1021.  
Thiocyanic acid, 2-(2-phenanthroxyethoxy)ethyl ester;  $C_{14}H_9OOC_2H_4OC_2H_4SCN$ . ( $\beta$ -Phenanthroxy- $\beta'$ -thiocyano-diethyl ether).  
Fly spray. 112, 222P.
- 401-592-924-1012-1021.  
Thiocyanic acid, 2-(2-naphthoxyethoxy)ethyl ester;  $C_{10}H_7OC_2H_4OC_2H_4SCN$ . ( $\beta$ -Naphthoxy- $\beta'$ -thiocyano-diethyl ether).  
Fly spray. 112, 222P.
- 401-592-924-1012-1021.  
Thiocyanic acid, 2-(2-naphthenoxy)ethyl ester;  $RCH_2CH_2OCH_2CH_2SCN$ . ( $\beta$ -Thiocyano- $\beta'$ -naphthenoxy-diethyl ether).  
The above formula wherein R represents naphthenoxy radicals.  
Fly spray. 112, 1032P.
- 401-592-951-961-993-1012-1021.  
Thiocyanic acid, 2-[2-(4-cyclohexyl-2-n-octylphenoxy)ethoxy]ethyl ester;  $C_6H_{11}C_6H_3(C_8H_{17})OC_2H_4OC_2H_4SCN$ . ( $\beta$ -(2-n-Octyl-4-cyclohexyl-phenoxy)- $\beta'$ -thiocyano-diethyl ether).  
Fly spray. 112, 223P.
- 401-592-951-961-998-1021.  
Thiocyanic acid, 6-[6-(4-cyclohexylphenoxy)hexoxy]hexyl ester;  $C_6H_{11}C_6H_3OC_2H_4OC_2H_4SCN$ . (Thiocyanic acid, *p*-cyclohexylphenoxyhexoxyhexyl ester; (4-cyclohexylphenoxyhexyl) (thiocyanoheptyl) ether).  
Fly spray. 112, 223P.
- 401-592-951-961-1000-1021.  
Thiocyanic acid, 5-[5-(2-cyclohexylphenoxy)amoxyl]amyl ester;  $C_6H_{11}C_6H_3OC_2H_4OC_2H_4SCN$ . (Thiocyanic acid, *o*-cyclohexylphenoxyamoxylamyl ester; (2-cyclohexyl-phenoxy-amyl) (thiocyano-amyl) ether).  
Fly spray. 112, 223P.
- 401-592-951-961-1004-1021.  
Thiocyanic acid, 3-[3-(4-cyclohexyl-2-isopropylphenoxy)propoxy]propyl ester;  $C_6H_{11}C_6H_3[CH(CH_3)_2]OC_2H_4OC_2H_4SCN$ . ( $\gamma$ -(2-Isopropyl-4-cyclohexyl-phenoxy) -  $\gamma'$ -thiocyano-dipropyl ether).  
Fly spray. 112, 223P.
- 401-592-951-961-1012-1021.  
Thiocyanic acid, 2-[2-(3-cyclohexylphenoxy)ethoxy]ethyl ester;  $C_6H_{11}C_6H_3OC_2H_4OC_2H_4SCN$ . (Thiocyanic acid, 2-[2-(*m*-cyclohexylphenoxy)ethoxy]ethyl ester;  $\beta$ -(3-cyclohexyl-phenoxy)- $\beta'$ -thiocyano-diethyl ether).  
Fly spray. 112, 223P.
- 401-592-951-961-1012-1021.  
Thiocyanic acid, 2-[2-(2-cyclohexylphenoxy)ethoxy]ethyl ester;  $C_6H_{11}C_6H_3OC_2H_4OC_2H_4SCN$ . (Thiocyanic acid, 2-[2-(*o*-cyclohexylphenoxy)ethoxy]ethyl ester;  $\beta$ -(2-cyclohexyl-phenoxy)- $\beta'$ -thiocyano-diethyl ether).  
Fly spray. 112, 222P, 223P.
- 401-592-951-961-1012-1021.  
Thiocyanic acid, 2-[2-(4-cyclohexylphenoxy)ethoxy]ethyl ester;  $C_6H_{11}C_6H_3OC_2H_4OC_2H_4SCN$ . (Thiocyanic acid, 2-[2-(*p*-cyclohexylphenoxy)ethoxy]ethyl ester;  $\beta$ -(4-cyclohexyl-phenoxy)- $\beta'$ -thiocyano-diethyl ether).  
Fly spray. 112, 223P.
- 401-592-951-961-1012-1023.  
Thiocyanic acid, 2-[2-(4-cyclohexyl-2, 6-dimethylphenoxy)ethoxy]ethyl ester;  $C_6H_{11}C_6H_3(CH_3)_2OC_2H_4OC_2H_4SCN$ . ( $\beta$ -(2, 6-Dimethyl-4-cyclohexylphenoxy)- $\beta'$ -thiocyano-diethyl ether).  
Fly spray. 112, 223P.
- 401-592-951-961-1012-1024.  
Thiocyanic acid, 2-[2-(3-cyclohexyl-2, 4, 6-trimethylphenoxy)ethoxy]ethyl ester;  $C_6H_{11}C_6H_3(CH_3)_3OC_2H_4OC_2H_4SCN$ . ( $\beta$ -(2, 4, 6-Trimethyl-3-cyclohexylphenoxy)- $\beta'$ -thiocyano-diethyl ether).  
Fly spray. 112, 223P.
- 401-592-951-961-1012-1021.  
Thiocyanic acid, 2-[2-(1, 1, 3, 3-tetramethylbutylphenoxy)ethoxy]ethyl ester;  $(CH_3)_4CCH_2C(CH_3)_2C_6H_4OC_2H_4OC_2H_4SCN$ . (Thiocyanic acid, 2-[2- $\alpha,\alpha,\gamma,\gamma$ -tetramethylbutylphenoxy]ethoxy]ethyl ester;  $\beta$ -thiocyano -  $\beta'$ -( $\alpha,\alpha,\gamma,\gamma$ -tetramethylbutyl-phenoxy)-diethyl ether).  
Fly spray. 112, 1032P.
- 401-592-951-993-1012-1021.  
Thiocyanic acid, 2-[2-(2-n-octylphenoxy)ethoxy]ethyl ester;  $C_6H_{11}C_6H_3OC_2H_4OC_2H_4SCN$ . ( $\beta$ -(2-n-Octyl-phenoxy)- $\beta'$ -thiocyano-diethyl ether).  
Fly spray. 112, 222P.
- 401-592-951-993-1012-1022.  
Thiocyanic acid, 2-[2-(4-n-octyl-2-methylphenoxy)ethoxy]ethyl ester;  $C_6H_{11}C_6H_3(CH_3)OC_2H_4OC_2H_4SCN$ . (Thiocyanic acid, 2-[2-(4-n-octyl-*o*-toloxy)phenoxy]ethyl ester;  $\beta$ -(2-methyl-4-n-octyl-phenoxy)- $\beta'$ -thiocyano-diethyl ether).  
Fly spray. 112, 225P.
- 401-592-951-997-1001-1011-1021.  
Thiocyanic acid, 4-[2-(4-n-hexylphenoxy)ethoxy]butyl ester;  $C_6H_{11}C_6H_3OC_2H_4OC_2H_4SCN$ . ( $\beta$ -(4-n-Hexyl-phenoxy-ethyl) ( $\Delta'$ -thiocyano-butyl) ether).  
Fly spray. 112, 222P.
- 401-592-951-998-1003-1022.  
Thiocyanic acid, 6-[6-(2-isopropyl-5-methylphenoxy)hexoxy]hexyl ester;  $(CH_3)_2CHC_6H_3(CH_3)OC_2H_4OC_2H_4SCN$ . (Thiocyanic acid, 2-(2-thymoxyhexoxy)hexyl ester; (2-propyl-5-methyl-phenoxy-hexyl) (thiocyanoheptyl) ether).  
Fly spray. 112, 225P.
- 401-592-951-1000-1022.  
Thiocyanic acid, 5-[5-(2-methylphenoxy)amoxyl]amyl ester;  $CH_3C_6H_3OC_2H_4OC_2H_4SCN$ . (Thiocyanic acid, *o*-toloxamoxylamyl ester; (2-methyl-phenoxy)-thiocyanodiamyl ester).  
Fly spray. 112, 222P.
- 401-592-951-1000-1023.  
Thiocyanic acid, 5-[5-(3, 5-dimethylphenoxy)amoxyl]amyl ester;  $(CH_3)_2C_6H_3OC_2H_4OC_2H_4SCN$ . (Thiocyanic acid, (3, 5-dimethylphenoxy)amoxylamyl ester; (3, 5-dimethyl-phenoxy-amyl) (thiocyano-amyl) ether; (3, 5-dimethyl-phenoxy)-thiocyano-diamyl ether).  
Fly spray. 112, 222P, 225P.
- 401-592-951-1001-1011-1025.  
Thiocyanic acid, 4-[2-(tetramethylphenoxy)ethoxy]butyl ester;  $(CH_3)_4C_6H_3OC_2H_4OC_2H_4SCN$ . (Thiocyanic acid, 2-(tetramethylphenoxy)ethoxybutyl ester; ( $\beta$ -tetra-methyl-phenoxy-ethyl) (thiocyano-butyl) ether).  
Fly spray. 112, 225P.
- 401-592-951-1001-1012-1021.  
Thiocyanic acid, 2-[2-(4-*tert*-butylphenoxy)ethoxy]ethyl ester;  $(CH_3)_3CC_6H_3OC_2H_4OC_2H_4SCN$ . ( $\beta$ -(4-*tert*-Butyl-phenoxy)- $\beta'$ -thio-cyano-diethyl ether).  
90% T houseflies. 112, 222P.
- 401-592-951-1002-1003-1021.  
Thiocyanic acid, 4-[4-(2-propylphenoxy)butoxy]butyl ester;  $C_6H_5C_6H_3OC_2H_4OC_2H_4SCN$ . (Thiocyanic acid, 4-[4-(*o*-propylphenoxy)butoxy]butyl ester;  $\Delta$ -(2-propyl-phenoxy)- $\Delta'$ -thiocyano-dibutyl ether).  
Fly spray. 112, 222P.
- 401-592-951-1002-1004-1021.  
Thiocyanic acid, 3-[3-(2, 4, 6-tri-*tert*-butylphenoxy)propoxy]propyl ester;  $[(CH_3)_3C]_3C_6H_3OC_2H_4OC_2H_4SCN$ .

- H<sub>2</sub>SCN. ( $\gamma$ -(2, 4, 6-Tertiary-butyl-phenoxy)- $\gamma'$ -thiocyano-dipropyl ether).  
Fly spray, 112, 225P.
- 401-592-951-1003-1011-1022-1030.  
Thiocyanic acid, 2-[2-(3-methoxy-4-(2-propene)-phenoxy)ethyl ester; CH<sub>3</sub>:CHCH<sub>2</sub>C<sub>6</sub>H<sub>4</sub>(OCH<sub>3</sub>)OC<sub>2</sub>H<sub>4</sub>SCN. (Thiocyanic acid, 2-eugenoxethyl ester;  $\beta$ -eugenoxethyl thiocyanate).  
HT houseflies at 3%, 112, 221P.
- 401-592-951-1003-1012-1022.  
Thiocyanic acid, 2-[2-(3-methyl-5-propylphenoxy)ethoxy]ethyl ester; C<sub>6</sub>H<sub>4</sub>C<sub>6</sub>H<sub>3</sub>(CH<sub>3</sub>)OC<sub>2</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>SCN. (Thiocyanic acid, 2-[2-(6-propyl-m-toloxyl)ethoxy]ethyl ester;  $\beta$ -(2-propyl-5-methyl-phenoxy)- $\beta'$ -thiocyano-diethyl ether).  
Fly spray, 112, 225P.
- 401-592-951-1003-1012-1022.  
Thiocyanic acid, 2-[2-(2-methyl-5-isopropylphenoxy)ethoxy]ethyl ester; (CH<sub>3</sub>)<sub>2</sub>CHC<sub>6</sub>H<sub>3</sub>(CH<sub>3</sub>)OC<sub>2</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>SCN. (Thiocyanic acid, 2-(2-carvacroxyethoxy)ethyl ester;  $\beta$ -(2-methyl-5-isopropyl-phenoxy)- $\beta'$ -thiocyano diethyl ether).  
HT houseflies at 3%, 112, 222P, 225P.
- 401-592-951-1003-1012-1022.  
Thiocyanic acid, 2-[2-(2-methyl-4-tert-butylphenoxy)ethoxy]ethyl ester; (CH<sub>3</sub>)<sub>2</sub>CHC<sub>6</sub>H<sub>3</sub>(CH<sub>3</sub>)OC<sub>2</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>SCN. (Thiocyanic acid, 2-[2-(4-isopropyl-o-toloxyl)ethoxy]ethyl ester;  $\beta$ -(2-methyl-4-tert-butyl-phenoxy)- $\beta'$ -thiocyano-diethyl ether).  
Fly spray, 112, 225P.
- 401-592-951-1004-1021.  
Thiocyanic acid, 3-[2-(2, 5-diisopropylphenoxy)propoxy]propyl ester; [(CH<sub>3</sub>)<sub>2</sub>CH]<sub>2</sub>C<sub>6</sub>H<sub>3</sub>OCH(CH<sub>3</sub>)CH<sub>2</sub>OC<sub>2</sub>H<sub>4</sub>SCN. ( $\beta$ -(2, 5-Isopropyl-phenoxy)- $\gamma'$ -thiocyano-dipropyl ether).  
Fly spray, 112, 225P.
- 401-592-951-1004-1021-1030.  
Thiocyanic acid, 3-[3-(4-(2-propene)phenoxy)propoxy]propyl ester; CH<sub>3</sub>:CHCH<sub>2</sub>C<sub>6</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>SCN. (Thiocyanic acid, 3-[3-(o-allylphenoxy)propoxy]propyl ester;  $\gamma$ -(4-allyl-phenoxy)- $\gamma'$ -thiocyano dipropyl ether).  
Fly spray, 112, 222P.
- 401-592-951-1012-1021.  
Thiocyanic acid, 2-[2-(phenoxy)ethoxy]ethyl ester; C<sub>6</sub>H<sub>5</sub>OC<sub>2</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>SCN. ( $\beta$ -Phenoxy- $\beta'$ -thiocyano-diethyl ether;  $\beta$ -thiocyano- $\beta'$ -phenoxydiethyl ether).  
MT houseflies at 3%, 112, 222P, 1032P.
- 401-592-951-1012-1021.  
Thiocyanic acid, 2-[2-(2-ethylphenoxy)ethoxy]ethyl ester; C<sub>6</sub>H<sub>4</sub>C<sub>6</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>SCN. (Thiocyanic acid, 2-[2-(o-ethylphenoxy)ethoxy]ethyl ester;  $\beta$ -(2-ethyl-phenoxy)- $\beta'$ -thiocyano-diethyl ether).  
Fly spray, 112, 222P.
- 401-592-951-1012-1022.  
Thiocyanic acid, 2-[2-(methylphenoxy)ethoxy]ethyl ester; CH<sub>3</sub>C<sub>6</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>SCN. ( $\beta$ -Thiocyano- $\beta'$ -cresoxydiethyl ether; thiocyanic acid, 2-(2-toloxyl)ethoxy]ethyl ester).  
Fly spray, 112, 1032P.
- 401-592-951-1012-1025.  
Thiocyanic acid, 2-[2-(2, 3, 4, 5, 6-pentamethyl-phenoxy)ethoxy]ethyl ester; (CH<sub>3</sub>)<sub>5</sub>C<sub>6</sub>OC<sub>2</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>SCN. (Thiocyanic acid, 2-[2-(pentamethylphenoxy)ethoxy]ethyl ester;  $\beta$ -(penta-methyl-phenoxy)- $\beta'$ -thiocyano-diethyl ether).  
Fly spray, 112, 225P.
- 401-592-951-1012-1027.  
Thiocyanic acid, alkylphenoxy alkoxy alkyl esters; X<sub>n</sub>C<sub>6</sub>H<sub>4</sub>ORORSCN.  
The above formula wherein R represents an alkylene radical, X represents an alkyl group from 1 to 8 carbon atoms, and n is an integer from 2 to 5.  
Fly spray, 112, 225P.
- 401-592-951-1027.  
Thiocyanic acid, alkylphenoxy alkoxy alkyl esters; ROC<sub>n</sub>H<sub>2n</sub>OC<sub>n</sub>H<sub>2n</sub>SCN.  
The above formula wherein R represents an aryl group and each n is an integer.  
Fly spray, 112, 222P.
- 401-592-952-1001-1011-1021.  
Thiocyanic acid, 4-[2-(2-phenylphenoxy)ethoxy]butyl ester; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>SCN. (Thiocyanic acid, 4-[2-(o-phenylphenoxy)ethoxy]butyl ester; ( $\beta$ -2-xenoxy-ethyl) ( $\Delta'$ -thiocyano-butyl) ether).  
Fly spray, 112, 223P.
- 401-592-952-1001-1012-1021.  
Thiocyanic acid, 2-[2-(3-tert-butyl-4-phenylphenoxy)ethoxy]ethyl ester; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>3</sub>(C(CH<sub>3</sub>)<sub>3</sub>)OC<sub>2</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>SCN. ( $\beta$ -(3-tert-Butyl-4-xenoxy)- $\beta'$ -thiocyano-diethyl ether).  
Fly spray, 112, 223P.
- 401-592-952-1001-1012-1021.  
Thiocyanic acid, 2-[2-(5-tert-butyl-2-phenylphenoxy)ethoxy]ethyl ester; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>3</sub>(C(CH<sub>3</sub>)<sub>3</sub>)OC<sub>2</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>SCN. ( $\beta$ -(5-tert-Butyl-2-xenoxy)- $\beta'$ -thiocyano diethyl ether).  
Fly spray, 112, 223P.
- 401-592-952-1002-1021.  
Thiocyanic acid, 4-[4-(3-phenylphenoxy)butoxy]butyl ester; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>SCN. (Thiocyanic acid, 4-(m-phenylphenoxy)butoxy]butyl ester; (3-xenoxy-butyl) ( $\Delta'$ -thiocyano-butyl) ether).  
Fly spray, 112, 223P.
- 401-592-952-1002-1022.  
Thiocyanic acid, 2-[2-(4-benzylphenoxy)-2-ethyl-ethoxy]-1-ethylethyl ester; C<sub>6</sub>H<sub>5</sub>CH<sub>2</sub>C<sub>6</sub>H<sub>4</sub>OCH(C<sub>2</sub>H<sub>5</sub>)CH<sub>2</sub>OC<sub>2</sub>H<sub>4</sub>CH(C<sub>2</sub>H<sub>5</sub>)SCN. (Thiocyanic acid, 2-[2-(p-benzylphenoxy)butoxy]-1-ethylethyl ester;  $\beta$ -(4-benzyl-phenoxy)- $\beta'$ -thiocyanodibutyl ether).  
Fly spray, 112, 222P.
- 401-592-952-1003-1012-1021.  
Thiocyanic acid, 2-[2-(4-isopropyl-2-phenylphenoxy)ethoxy]ethyl ester; (CH<sub>3</sub>)<sub>2</sub>CHC<sub>6</sub>H<sub>3</sub>(C<sub>2</sub>H<sub>5</sub>)OC<sub>2</sub>H<sub>4</sub>SCN. ( $\beta$ -(2-Phenyl-4-isopropyl-phenoxy)- $\beta'$ -thiocyano-diethyl ether).  
Fly spray, 112, 222P.
- 401-592-952-1004-1012-1021.  
Thiocyanic acid, 2-[2-(3, 5-diisopropyl-2-phenylphenoxy)ethoxy]ethyl ester; [(CH<sub>3</sub>)<sub>2</sub>CH]<sub>2</sub>C<sub>6</sub>H<sub>3</sub>(C<sub>2</sub>H<sub>5</sub>)OC<sub>2</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>SCN. ( $\beta$ -(3, 5-Diisopropyl-2-xenoxy)- $\beta'$ -thiocyano-diethyl ether).  
Fly spray, 112, 222P.
- 401-592-952-1012-1021.  
Thiocyanic acid, 2-[2-(m-biphenyloxy)ethoxy]ethyl ester; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>SCN. ( $\beta$ -(3-Xenoxy)- $\beta'$ -thiocyano-diethyl ether).  
Fly spray, 112, 223P.
- 401-592-952-1012-1021.  
Thiocyanic acid, 2-[2-(o-biphenyloxy)ethoxy]ethyl ester; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>SCN. (Thiocyanic acid, 2-[2-(o-phenylphenoxy)ethoxy]ethyl ester;  $\beta$ -(2-xenoxy)- $\beta'$ -thiocyano-diethyl ether;  $\beta$ -(2-phenyl-phenoxy)- $\beta'$ -thiocyano-diethyl ether).  
MT houseflies at 3%, 112, 222P, 223P.
- 401-592-952-1012-1021.  
Thiocyanic acid, 2-[2-(p-biphenyloxy)ethoxy]ethyl ester; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>SCN. (Thiocyanic acid, 2-(2-xenoxyethoxy)ethyl ester;  $\beta$ -(4-xenoxy)- $\beta'$ -thiocyano-diethyl ether;  $\beta$ -(4-phenyl-phenoxy)- $\beta'$ -thiocyano-diethyl ether).  
Fly spray, 112, 222P, 223P.
- 401-592-1001-1012-1021.  
Thiocyanic acid, 2-[2-(butoxy)ethoxy]ethyl ester; C<sub>4</sub>H<sub>9</sub>OC<sub>2</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>SCN. ( $\beta$ -Butoxy- $\beta'$ -thiocyanodiethyl ether; 2-(2'-butoxyethoxy)ethyl thiocyanate; "Lethane 384").  
HT several species of insects, 62, 112, 292, 673P, 723, 755, 1031, 1032P, 1043, 1108, 1178, 1203P, 1204P, 1432.
- 401-592-1001-1012-1021.  
Thiocyanic acid, 2-[2-(isobutoxy)ethoxy]ethyl ester; (CH<sub>3</sub>)<sub>2</sub>CHCH<sub>2</sub>OC<sub>2</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>SCN. ( $\beta$ -Thiocyano- $\beta'$ -isobutoxy-diethyl ether).  
Fly spray, 112, 1032P.
- 401-592-1003-1012-1021.  
Thiocyanic acid, 2-[2-(propoxy)ethoxy]ethyl ester; C<sub>3</sub>H<sub>7</sub>OC<sub>2</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>SCN. 1178, 1202P.
- 401-592-1012-1021-1027.  
Thiocyanic acid, 2-[2-(alkoxy)ethoxy]ethyl esters; ROC<sub>n</sub>H<sub>2n</sub>OC<sub>2</sub>H<sub>4</sub>SCN. 673P, 1178, 1203P, 1204P.
- 401-592-1012-1022.  
Thiocyanic acid, 2-[2-(methoxy)ethoxy]ethyl ester; CH<sub>3</sub>OC<sub>2</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>SCN. 1178, 1202P.
- 401-592-1013-1021.  
Thiocyanic acid, 2-[2-(ethoxy)ethoxy]ethyl esters; C<sub>2</sub>H<sub>5</sub>OC<sub>2</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>SCN. (Thiocyanate of the monoethyl ether of diethylene glycol).  
HT houseflies, 112, 673P, 1032P, 1178, 1202P, 1204P.

- 401-665-730-951-1021.  
Piperidine, *p*-thiocyanophenylazo-, CU;  $\text{NCSC}_6\text{H}_4\text{-N:N}(\text{NC}_6\text{H}_{10})$ . (*p*-Thiocyanate of phenyldiazopiperidine; thiocyanic acid, *p*-(piperidylazo)-phenyl ester). 341P.
- 401-668-1022.  
Thiocyanic acid, guanidine salt;  $\text{NH}_2\text{C}(\text{:NH})\text{NH}_2\text{-SCN}$ .  
T screwworms, codling moth larvae, and root lice. 156, 713, 915, 1178.
- 401-671-924-1021.  
Thiocyanic acid, 1-aminonaphthyl ester;  $\text{H}_2\text{NC}_6\text{H}_4\text{-SCN}$ . (Naphthylamine,  $\alpha$ -thiocyano-). 112, 674P, 1032P, 1178, 1202P.
- 401-671-951-1021.  
Thiocyanic acid, 4-aminophenyl ester;  $\text{H}_2\text{NC}_6\text{H}_4\text{SCN}$ . (Thiocyanic acid, *p*-aminophenyl ester; *p*-thiocyananiline).  
T *Aphis rumicis* at 0.1%. 112, 648, 1032P, 1178, 1202P.
- 401-671-951-1022.  
Thiocyanic acid, aminotolyl ester;  $\text{H}_2\text{NC}_6\text{H}_3(\text{CH}_3)\text{-SCN}$ . (*p*-Thiocyanotoluidine). 112, 674P, 1032P, 1178, 1202P.
- 401-671-951-1022.  
Thiocyanic acid, 2-(amino  $\alpha$ -methyl)phenyl ester;  $\text{H}_2\text{NC}_6\text{H}_3\text{CH}_3\text{-SCN}$ . (Thiocyanic acid,  $\omega$ -amino-*p*-tolyl ester; *p*-thiocyanobenzylamine).  
Fly spray. 112, 1032P.
- 401-681-952-1021.  
Diphenylamine, 4, 4'-di-(thiocyano);  $\text{HN}(\text{C}_6\text{H}_5\text{-SCN})_2$ . (*p,p'*-Dithiocyanodiphenylamine).  
51% T mosquito larvae and T *Piesma quadrata*. 380P, 384P, 385P, 487, 1178, 1473P.
- 401-681-951-1023.  
Thiocyanic acid, *p*-dimethylaminophenyl ester;  $\text{NCSC}_6\text{H}_4\text{N}(\text{CH}_3)_2$ . (*p*-Thiocyanodimethylaniline; aniline, *N,N*-dimethyl-*p*-thiocyano-).  
T clothes moth and goldfish. 112, 295, 674P, 1032P, 1178, 1202P, 1291, 1432.
- 401-730-1021.  
Thiocyanic acid, pyridyl ester, CU;  $(\text{C}_5\text{H}_5\text{N})\text{SCN}$ . 1178, 1245P.
- 401-781-851-951-1023.  
Thiocyanic acid, 2-(methylthio)-4-chlorobenzyl ester;  $\text{ClC}_6\text{H}_4(\text{SCH}_3)\text{CH}_2\text{SCN}$ . (1-Methylthiol-4-chloro-2-thiocyanomethylbenzene; 2-methylthiol-5-chlorobenzyl ester of thiocyanic acid).  
HT aphids at 0.5%. 1178, 1385P, 1386P.
- 401-781-951-1023.  
Thiocyanic acid, 4-(methylthio)benzyl ester;  $\text{CH}_3\text{SC}_6\text{H}_4\text{CH}_2\text{SCN}$ .  
100% T plant lice at 1-1000. 1178, 1385P, 1386P.
- 401-781-951-1024.  
Thiocyanic acid, 5-methyl-2-(methylthio)benzyl ester;  $\text{CH}_3\text{SC}_6\text{H}_3(\text{CH}_3)\text{CH}_2\text{SCN}$ . (1-Methylthio-4-methyl-2-thiocyanomethylbenzene; thiocyanic acid, 2-methylthiol-5-methylbenzyl ester).  
T plant lice at .015%. 1178, 1385P, 1386P.
- 401-781-1045.  
Thiocyanic acid, sulfides of, CU. 1178, 1385P.
- 401-841-951-1021.  
Thiocyanic acid, *p*-bromophenyl ester;  $\text{BrC}_6\text{H}_4\text{SCN}$ . (*p*-Thiocyanobromobenzene).  
53.5% T mosquito larvae and T screwworms. 157, 487, 944.
- 401-851-951-1021.  
Thiocyanic acid, *p*-chlorophenyl ester;  $\text{ClC}_6\text{H}_4\text{SCN}$ .  
53.6% T mosquito larvae. 487.
- 401-851-951-1022.  
Thiocyanic acid, chlorobenzyl ester;  $\text{ClC}_6\text{H}_5\text{CH}_2\text{SCN}$ .  
T flies and gnats. 1178, 1245P.
- 401-851-1003-1021.  
Thiocyanic acid, 3-chloropropyl ester;  $\text{ClCH}_2\text{CH}_2\text{CH}_2\text{-SCN}$ . (Trimethylene chlorothiocyanate).  
56% T bean aphid. 1432, 1484.
- 401-851-1011-1021.  
Thiocyanic acid, 2-chloroethyl ester;  $\text{ClCH}_2\text{CH}_2\text{SCN}$ .  
58-78% T bean aphid. 1432, 1484.
- 401-871-951-1021.  
Thiocyanic acid, *p*-iodophenyl ester;  $\text{IC}_6\text{H}_4\text{SCN}$ . (*p*-Iodophenyl thiocyanate).  
T culicine mosquito larvae. 110, 157, 487, 944.
- 401-910-1003-1023.  
Thiocyanic acid, hydrobietyl ester;  $\text{C}_{10}\text{H}_{19}\text{SCN}?$   
Fly spray. 112, 1223P.
- 401-924-1021.  
Thiocyanic acid, naphthyl ester;  $\text{C}_{10}\text{H}_7\text{SCN}$ .  
Repellent and contact poison. 1178, 1245P.
- 401-924-1021.  
Thiocyanic acid, 1-decahydronaphthyl ester;  $\text{C}_{10}\text{H}_{17}\text{-SCN}$ . ( $\alpha$ -Decahydro-naphthyl thiocyanate).  
Fly spray. 112, 1223P.
- 401-924-1021.  
Thiocyanic acid, 2-decahydronaphthyl ester;  $\text{C}_{10}\text{H}_{17}\text{-SCN}$ . ( $\beta$ -Decahydro-naphthyl thiocyanate).  
Fly spray. 112, 1223P.
- 401-930-1024.  
Thiocyanic acid, bornyl ester;  $\text{C}_{10}\text{H}_{17}\text{SCN}$ .  
HT houseflies. 112, 1223P.
- 401-951-1011-1022.  
Thiocyanic acid, 2-(*p*-tolyl)ethyl ester;  $\text{CH}_3\text{C}_6\text{H}_4\text{CH}_2\text{-SCN}$ . (*p*-*p*-Tolyl-ethyl ester of thiocyanic acid).  
T *Carpocapsa pomonella* larvae. 1291.
- 401-951-1021.  
Thiocyanic acid, phenyl ester;  $\text{C}_6\text{H}_5\text{SCN}$ . (Phenyl sulfocyanate; phenyl rhodanate).  
T houseflies and T aphids at 0.5%. 112, 295, 648, 1032P, 1178, 1202P, 1245P, 1474P.
- 401-951-1022.  
Thiocyanic acid, benzyl ester;  $\text{C}_6\text{H}_5\text{CH}_2\text{SCN}$ .  
T houseflies, plant lice, *Aphis rumicis*, and *Piesma quadrata*. 112, 295, 380P, 384P, 385P, 648, 1032P, 1178, 1432, 1474P.
- 401-957-1003-1022.  
Thiocyanic acid, terpineyl ester;  $\text{C}_{10}\text{H}_{17}\text{SCN}$ .  
Fly spray. 112, 1223P.
- 401-961-993-1021.  
Thiocyanic acid, (1, 1, 3, 3-tetramethylbutyl) cyclohexyl ester;  $(\text{CH}_3)_3\text{CCH}_2\text{C}(\text{CH}_3)_2\text{C}_6\text{H}_{10}\text{SCN}$ . (Thiocyanic acid,  $\alpha,\alpha,\gamma,\gamma$ -tetramethylbutylcyclohexyl ester;  $\alpha,\alpha,\gamma,\gamma$ -tetramethylbutylcyclohexyl ester of thiocyanic acid).  
Fly spray. 112, 1032P.
- 401-961-1002-1021.  
Thiocyanic acid, diisobutylcyclohexyl ester;  $[(\text{CH}_3)_2\text{-CHCH}_2]_2\text{C}_6\text{H}_{10}\text{SCN}$ . (Diisobutylcyclohexylthiocyanate).  
Fly spray. 112, 675P.
- 401-961-1003-1022.  
Thiocyanic acid, menthyl ester;  $\text{C}_{10}\text{H}_{17}\text{SCN}$ . (Menthyl thiocyanate; *p*-methylisopropylcyclohexyl thiocyanate).  
Fly spray. 112, 1223P.
- 401-961-1021.  
Thiocyanic acid, cyclohexyl ester;  $\text{C}_6\text{H}_{11}\text{SCN}$ .  
Fly spray. 112, 675P, 1032P.
- 401-961-1027.  
Thiocyanic acid, alkylcyclohexyl ester, CU;  $\text{RC}_6\text{H}_{10}\text{-SCN}$ . (Alkyl cyclohexylthiocyanate).  
Fly spray. 112, 675P.
- 401-975.  
Thiocyanic acid, acyclic esters;  $\text{GR}(\text{SCN})_x$ .  
The above formula wherein G is a water-solubilizing polar group, R is an acyclic hydrocarbon residue of at least 10 carbon atoms, and x is an integer equal to the valence of R less 1.  
Fly spray. 106P, 112.
- 401-975-1021.  
Thiocyanic acid, naphthhenyl ester, CU;  $\text{RSCN}$ .  
Fly spray. 112, 1223P.
- 401-975-1021.  
Thiocyanic acid, aromatic esters.  
T as mothproofing agent. 372P, 384P, 385P, 1175, 1178, 1474P.
- 401-975-1021-1027.  
Thiocyanic acid, cycloalkyl esters;  $\text{R}(\text{CNX})_y$ .  
The above formula wherein R is an alicyclic hydrocarbon radical containing at least 10 carbon atoms, such as naphthemic and cyclic terpene hydrocarbon radicals; X represents sulfur, selenium, or tellurium; and y represents a simple digit corresponding to the valency of R.  
Fly spray. 112, 1223P.
- 401-980-1021.  
Thiocyanic acid, myrcyl ester;  $\text{C}_{10}\text{H}_{15}\text{SCN}$ . (Melissyl thiocyanate). 1227P, 1432.
- 401-980-1021.  
Thiocyanic acid, carnaubyl ester;  $\text{C}_{18}\text{H}_{35}\text{SCN}$ . (Carnaubyl thiocyanate). 1227P, 1432.

- 401-983-1021.  
Thiocyanic acid, stearyl ester;  $C_{18}H_{35}SCN$ . (Stearyl thiocyanate).  
T flies, aphids, etc.; NT Japanese beetle, 496, 1227P, 1432.
- 401-983-1021-1030.  
Thiocyanic acid, oleyl ester;  $C_{18}H_{33}CH_2CH(CH_2)_8SCN$ . (Oleyl thiocyanate). 1227P, 1432.
- 401-983-1021-1389.  
Sulfuric acid, thiocyanooctadecyl ester;  $(NCS)C_{18}H_{35}HSO_4$ . (Sulfate, thiocyanooctadecyl).  
Fly spray, 106P, 112.
- 401-985-1021.  
Thiocyanic acid, cetyl ester;  $C_{16}H_{33}SCN$ . (Cetyl thiocyanate; cetyl rhodanate).  
T houseflies; ST eggs of *Anuraphis pomi*, 112, 496, 675P, 777, 1032P, 1432.
- 401-987-1021.  
Thiocyanic acid, myristyl ester;  $C_{14}H_{27}SCN$ . (Myristyl rhodanate; myristyl thiocyanate).  
NT Colorado potato beetle and Mexican bean beetle, 606, 1432.
- 401-987-1021.  
Thiocyanic acid, 2, 4, 6, 8-tetramethyl-1-decanol ester;  $CH_3CH_2CH(CH_3)CH_2CH(CH_3)CH_2CH(CH_3)CH_2CH(CH_3)CH_2SCN$ . (2, 4, 6, 8-Tetramethyldecanyl-1 thiocyanate). 1227P, 1432.
- 401-988-1021.  
Thiocyanic acid, 2,4,6-trimethyl-1-decanol ester;  $CH_3CH_2CH_2CH_2CH(CH_3)CH_2CH(CH_3)CH_2CH(CH_3)CH_2SCN$ . (2, 4, 6-Trimethyldecanyl-1 thiocyanate). 1227P, 1432.
- 401-989-1021.  
Thiocyanic acid, lauryl ester;  $C_{12}H_{25}SCN$ . (Lauryl thiocyanate; lauryl rhodanate; Loro).  
Toxic to many species of insects, 112, 270, 597P, 608, 648, 777, 1032P, 1226P, 1227P, 1274, 1432.
- 401-989-1021.  
Thiocyanic acid, sec-dodecanol ester;  $(CH_3)_2C_{10}H_{21}SCN$  (sec-Dodecanol thiocyanate).  
T flies, aphids, etc. 1227P, 1432.
- 401-989-1021-1218-1389.  
Dodecyl sodium sulfate, thiocyanate, CU;  $(NCS)C_{12}H_{25}SO_4Na$ .  
Fly spray, 106P, 112.
- 401-990-1021-1389.  
Undecyl sulfate, thiocyanate;  $(NCS)C_{11}H_{23}SO_4H$ .  
Fly spray, 106P, 112.
- 401-991-1021.  
Thiocyanic acid, 2, 6-dimethyl-1-octanol ester;  $CH_3CH_2CH(CH_3)CH_2CH_2CH(CH_3)CH_2CH_2SCN$ . (2, 6-Dimethyloctanyl-1 thiocyanate; Tetrahydrodimethyl ester of thiocyanic acid).  
95% T *Carpocapsa pomonella* larvae, 1291.  
T flies, aphids, etc. 1227P, 1432.
- 401-992-1021.  
Thiocyanic acid, nonyl ester;  $C_9H_{19}SCN$ . (Nonyl thiocyanate).  
T flies, aphids, etc. 1227P, 1432.
- 401-993-1021.  
Thiocyanic acid, capryl ester;  $C_8H_{17}SCN$ .  
Fly spray, 112, 675P.
- 401-993-1021.  
Thiocyanic acid, octyl ester;  $C_8H_{17}SCN$ .  
Fly spray, 112, 1032P, 1227P, 1432.
- 401-993-1021.  
Thiocyanic acid, 2-octyl ester;  $CH_3(CH_2)_6CH(SCN)CH_3$ .  
T houseflies and *Aphis rumicis*, 112, 648, 1032P, 1178.
- 401-993-1021.  
Thiocyanic acid, 2, 4-dimethyl-1-hexanol ester;  $CH_3CH_2CH(CH_3)CH_2CH(CH_3)CH_2SCN$ . (2, 4-Dimethylhexanyl-1 thiocyanate). 1227P, 1432.
- 401-993-1021.  
Thiocyanic acid, 2, 6-dimethyl-1-hexanol ester?;  $CH_3(CH_3)CH_2CH_2CH_2CH(CH_3)CH_2SCN$ . (2,6-Dimethylhexanyl thiocyanate). 1227P, 1432.
- 401-993-1021.  
Thiocyanic acid, 2-methyl-1-hexyl ester;  $CH_3CH(C_2H_5)CH_2SCN$ . (Amyl  $\beta$ -thiocyanopropionate). 673P.
- 401-995-1021.  
Thiocyanic acid, 4-methyl-1-hexanol ester;  $CH_3CH_2CH(CH_3)CH_2CH_2CH_2SCN$ . (4-Methylhexanyl-1-thiocyanate). 1227P, 1432.
- 401-997-1021.  
Thiocyanic acid, 2-methyl-1-pentanol ester;  $CH_3CH_2CH_2CH(CH_3)CH_2SCN$ . (2-Methylpentanyl-1-thiocyanate). 1227P, 1432.
- 401-999-1021.  
Thiocyanic acid, n-amyl ester;  $C_5H_{11}SCN$ .  
Fly spray, 112, 675P, 1032P.
- 401-999-1021.  
Thiocyanic acid, isoamyl ester;  $(CH_3)_2CHCH_2CH_2SCN$ .  
Fly spray, 112, 675P, 1032P.
- 401-999-1021.  
Thiocyanic acid, tert-amyl ester;  $CH_3CH_2C(CH_3)_2SCN$ .  
Fly spray, 112, 675P, 1032P.
- 401-1001-1021.  
Thiocyanic acid, n-butyl ester;  $C_4H_9SCN$ . (n-Butyl thiocyanate; n-butyl sulfocyanate; n-butyl rhodanate).  
HT houseflies; T aphids, red scale, and 45.9% T Codling moth, 112, 208, 648, 675P, 915, 1032P, 1178.
- 401-1001-1021.  
Thiocyanic acid, tert-butyl ester;  $(CH_3)_3CSCN$ .  
Fly spray, 112, 675P, 1032P.
- 401-1003-1021.  
Thiocyanic acid, isopropyl ester;  $(CH_3)_2CHSCN$ . (Isopropyl sulfocyanate; isopropyl rhodanate).  
100% T *Sitophilus oryza* and T *Chrysomphalus aurantii*, 268, 1178, 1180.
- 401-1003-1021-1030.  
Thiocyanic acid, allyl ester;  $CH_2=CHCH_2SCN$ . (2-Propenyl thiocyanate; allyl sulfocyanide).  
T *Leptinotarsa decemlineata*, 1009, 1178, 1245P.
- 401-1011-1021.  
Thiocyanic acid, ethyl ester;  $C_2H_5SCN$ . (Ethyl thiocyanate).  
T codling moth, red scale, and m.l.d. to rice weevils is 100 mg./L. 268, 915, 1178, 1432.
- 401-1021.  
Thiocyanic acid; HSCN. (Sulfocyanic acid).  
See 1405 (p. 178).
- 401-1021-1027.  
Thiocyanates, alkyl, CU.  
T mealy bugs and cicadas; used as wetting agents, 673P, 776, 924, 1033, 1034, 1178, 1203P, 1204P, 1432.
- 401-1021-1045.  
Thiocyanates, CU. (Rhodanates).  
T *Chrysomphalus aurantii*, 108, 145, 268, 380P, 1178, 1202P, 1245P, 1247P, 1432.
- 401-1022.  
Thiocyanic acid, methyl ester;  $CH_3SCN$ . (Methyl thiocyanate; methyl sulfocyanate).  
T goldfish and T *Chrysomphalus aurantii* but proved injurious to citrus trees, 27, 268, 295, 830, 931, 1170, 1178, 1207.
- 402-440-950-1022.  
Phenothiazine dithiocyanate;  $(C_{12}H_8N_2)(SCN)_2$ .  
67% T codling moth larvae; NT mosquito larvae, 487, 1291.
- 402-541-989-1218.  
Behenic acid, dithiocyanate, sodium salt, CU;  $(SCN)_2C_{22}H_{41}COONa$ . (Dithiocyanate sodium docosanoate).  
Fly spray, 106P, 112.
- 402-541-983-1022.  
Stearic acid, 8, 9-dithiocyanate;  $CH_3(CH_2)_7CH(SCN)CH(SCN)(CH_2)_7COOH$ . (Stearic acid, theta, iota-dithiocyanate; dithiocyanooctadecanoic acid).  
Fly spray, 106P, 112.
- 402-541-983-1022-1218.  
Stearic acid, 8, 9-dithiocyanate, sodium salt;  $CH_3(CH_2)_7CH(SCN)CH(SCN)(CH_2)_7COONa$ . (Stearic acid, theta, iota-dithiocyanate, sodium salt; dithiocyanate sodium octadecanoate).  
Fly spray, 106P, 112.
- 402-541-999-1022.  
Hendecanoic acid, dithiocyanate;  $(SCN)_2C_{11}H_{21}COOH$ . (Dithiocyanate undecanoic acid).  
Fly spray, 106P, 112.
- 402-541-999-1022-1218.  
Hendecanoic acid, dithiocyanate, sodium salt;  $(SCN)_2C_{11}H_{21}COONa$ . (Dithiocyanate sodium undecanoate).  
Fly spray, 106P, 112.

402-551-1012-1022.

Acetic acid, thiocyno-, (2-thiocynoethyl)ester;  $\text{NCSC}_2\text{H}_5\text{COOCH}_3\text{H}_4\text{SCN}$ . ( $\beta$ -Thiocyno-ethyl-thiocynoacetate). 711P, 1201P, 1205P, 1432.

402-552-591-1014-1022.

Diethylene glycol, di-(thiocynoacetic acid) ester;  $\text{O}(-\text{C}_2\text{H}_4\text{OOCCH}_2\text{SCN})_2$ . (Diethylene glycoldithiocynoacetate). 1201P.

402-552-592-951-1014-1022.

Phthalic acid, [bis-2-(2-thiocynoethoxy)ethyl]ester;  $\text{C}_6\text{H}_4(\text{COOCH}_2\text{CH}_2\text{OCH}_2\text{CH}_2\text{SCN})_2$ . (Bis( $\beta$ -thiocynoethoxyethyl) phthalate). 711P, 1201P, 1205P, 1452.

402-552-592-991-1014-1022.

Sebacic acid, [bis-2-(2-thiocynoethoxy)ethyl]ester;  $\text{NCSC}_2\text{H}_5\text{CH}_2\text{OCH}_2\text{CH}_2\text{OOC}(\text{CH}_2)_8\text{COOCH}_2\text{CH}_2\text{OCH}_2\text{CH}_2\text{SCN}$ . (Bis( $\beta$ -thiocynoethoxyethyl) sebacate). 1201P.

402-552-592-1001-1014-1022.

Succinic acid, [bis-2-(2-thiocynoethoxy)ethyl]ester;  $(-\text{CH}_2\text{COOCH}_2\text{H}_4\text{OC}_2\text{H}_5\text{SCN})_2$ . (Bis( $\beta$ -thiocynoethoxyethyl) ester of succinic acid). Fly spray, 112, 1032P, 1201P.

402-552-951-1012-1022.

Phthalic acid, bis(2-thiocynoethyl) ester;  $\text{C}_6\text{H}_4(\text{COOC}_2\text{H}_5\text{SCN})_2$ . (Bis( $\beta$ -thiocynoethyl)-phthalate). 1201P.

402-552-991-1012-1022.

Sebacic acid, bis(2-thiocynoethyl) ester;  $\text{NCSC}_2\text{H}_5\text{CH}_2\text{OOC}(\text{CH}_2)_8\text{COOCH}_2\text{CH}_2\text{SCN}$ . (Bis( $\beta$ -thiocynoethyl)-sebacate). 1201P.

402-552-1001-1012-1022.

Succinic acid, bis(2-thiocynoethyl) ester;  $(-\text{CH}_2\text{COOCH}_2\text{H}_4\text{SCN})_2$ . (Bis( $\beta$ -thiocynoethyl)-succinate). 711P, 1201P, 1205P, 1432.

402-552-1013-1022.

Glycol bis(thiocynoacetate);  $(\text{CH}_2\text{OOCCH}_2\text{SCN})_2$ . (Ethylene glycol-dithiocynoacetate). 1201P.

402-553-1003-1013-1023.

Glycerol tris(thiocynoacetate);  $\text{NCSC}_2\text{H}_5\text{COOCH}(\text{CH}_2\text{OOCCH}_2\text{SCN})_2$ . (Glycerol trithiocynoacetate). 711P, 1201P, 1205P, 1432.

402-571-1003-1022.

2-Propanone, 1, 3-dithiocyno-;  $\text{NCSC}_2\text{H}_5\text{COCH}_2\text{SCN}$ . (Thiocyno acid, thiocynoacetyl methyl ester;  $\alpha,\gamma$ -dithiocynoacetone). Fly spray, 112, 1032P.

402-581-1003-1021.

2-Propanol, 1, 3-dithiocyno-;  $\text{NCSC}_2\text{H}_5\text{CHOHCH}_2\text{SCN}$ . ( $\alpha,\gamma$ -Di(thiocyno)propanol-2). 1201P.

402-591-851-951-1024.

$\alpha,\alpha'$ -m-Xylenediol, 4-chloro-6-methoxy-, dithiocyanate;  $\text{CH}_3\text{O}(\text{C}_6\text{H}_3\text{ClCH}_2\text{SCN})_2$ . (Thiocyno acid, 2-chloro-6-methoxy-p-xylyl ester; 3-chloro-1-methoxy, 4, 6-xylyldithiocyanate). 100% T green plant lice at 0.1%. 372P, 815P, 1178, 1246P.

402-591-951-1024.

$\alpha,\alpha'$ -m-Xylenediol, 4-methoxy-, dithiocyanate;  $\text{CH}_3\text{OC}_6\text{H}_3(\text{CH}_2\text{SCN})_2$ . (Thiocyno acid, 6-methoxy-m-xylyl ester; 1-methoxy-2, 4-xylyldithiocyanate). T aphids at 0.25% and T as mothproofing agent. 372P, 815P, 1175, 1178.

402-591-952-1025.

$\alpha,\alpha'$ -m-Xylenediol, 4-benzyloxy-, dithiocyanate;  $\text{C}_6\text{H}_5\text{CH}_2\text{OC}_6\text{H}_3(\text{CH}_2\text{SCN})_2$ . (Thiocyno acid, 4-phenylmethoxy-3-thiocyanomethylbenzyl ester). Fly spray, 112, 692P.

402-591-1012-1022.

Diethylene glycol dithiocyanate;  $\text{O}(-\text{CH}_2\text{CH}_2\text{SCN})_2$ . (Thiocyno acid, 2-(2-thiocynoethoxy)ethyl ester; bis( $\beta$ -thiocynoethyl) ether). 112, 673P, 711P, 1032P, 1201P, 1205P, 1432.

402-592-621-1012-1022.

p-Dioxane, 2, 2'-bis(2-thiocynoethoxy)-;  $(\text{C}_4\text{H}_8\text{O}_2)(\text{OC}_2\text{H}_4\text{SCN})_2$ . (3-Bis( $\beta$ -thiocynoethoxy)dioxane). 1201P.

402-592-621-1012-1022.

p-Dioxane, 2, 3-bis(2-thiocynoethoxy)-;  $(\text{C}_4\text{H}_8\text{O}_2)(\text{OC}_2\text{H}_4\text{SCN})_2$ . (2, 3-Bis( $\beta$ -thiocynoethoxy) dioxane). Fly spray, 112, 1032P.

402-592-951-1012-1023.

Benzaldehyde bis(2-thiocynoethyl) acetal;  $\text{C}_6\text{H}_5\text{CH}(\text{OC}_2\text{H}_4\text{SCN})_2$ . (Bis( $\beta$ -thiocynoethoxy)phenyl methane). 1201P.

402-592-951-1025.

$\alpha,\alpha'$ -p-Xylenediol, 2, 5-dimethoxy dithiocyanate;  $(\text{CH}_3\text{O})_2\text{C}_6\text{H}_3(\text{CH}_2\text{SCN})_2$ . (Thiocyno acid, 2, 5-dimethoxy-p-xylyl ester; 1, 4-dimethoxy-2, 5-xylyldithiocyanate).

T aphids at 1-1000 and T as mothproofing agent. 372P, 815P, 1175, 1178.

402-592-952-1012-1023.

Methane, bis(p-(2-thiocynoethoxy)phenyl)-;  $\text{H}_2\text{C}(\text{C}_6\text{H}_4\text{OC}_2\text{H}_4\text{SCN})_2$ . (Thiocyno acid, 2-p-(2-thiocynoethoxy)benzylphenoxymethyl ester; bis( $\beta$ -thiocynoethoxyphenyl) methane). Fly spray, 112, 1032P.

402-592-995-1012-1022.

Emanthalddehyde bis(2-thiocynoethyl)acetal;  $\text{C}_7\text{H}_{14}\text{OC}_2\text{H}_4\text{SCN})_2$ . (Thiocyno acid, 2-hexyl-(2-thiocynoethoxy)methoxyethyl ester;  $\alpha,\alpha$ -bis( $\beta$ -thiocynoethoxy) heptane). T houseflies, 112, 1032P, 1201P.

402-592-1001-1004-1022.

Isobutyraldehyde bis(2-thiocyanopropyl)acetal;  $\text{CH}_3\text{CH}(\text{CH}_3)\text{CH}(\text{OC}_3\text{H}_7\text{SCN})_2$ . ( $\alpha,\alpha$ -Bis( $\beta$ -thiocyanopropoxy)- $\beta$ -methyl propane). 1201P.

402-592-1001-1004-1022.

Isobutyraldehyde bis(3-thiocyanopropyl)acetal;  $(\text{CH}_3)_2\text{CHCH}(\text{OC}_3\text{H}_7\text{SCN})_2$ . (Thiocyno acid, 3-[1-(3-thiocyanopropoxy)isobutoxy]propyl ester;  $\alpha,\alpha$ -bis( $\gamma$ -thiocyanopropoxy)- $\beta$ -methyl propane). Fly spray, 112, 1032P.

402-592-1001-1012-1022.

Butyraldehyde bis(2-thiocynoethyl)acetal;  $\text{C}_4\text{H}_7\text{CH}(\text{OC}_2\text{H}_4\text{SCN})_2$ . ( $\alpha,\alpha$ -Bis( $\beta$ -thiocynoethoxy)butane; thiocyno acid, 2-[1-(2-thiocynoethoxy)butoxy]ethyl ester). T houseflies, 112, 1032P, 1201P.

402-592-1001-1012-1022.

Isobutyraldehyde bis(2-thiocynoethyl)acetal;  $(\text{CH}_3)_2\text{CHCH}(\text{OC}_2\text{H}_4\text{SCN})_2$ . (Thiocyno acid, 2-[1-(2-thiocynoethoxy)isobutoxy]ethyl ester;  $\alpha,\alpha$ -bis( $\beta$ -thiocynoethoxy)- $\beta$ -methyl propane). Fly spray, 112, 1032P.

402-592-1001-1012-1022-1030.

Crotonaldehyde bis(2-thiocynoethyl)acetal;  $\text{CH}_3\text{CH}=\text{CHCH}(\text{OC}_2\text{H}_4\text{SCN})_2$ . (Thiocyno acid, 2-[1-(2-thiocynoethoxy)-2-butenoxy]ethyl ester;  $\alpha,\alpha$ -bis( $\beta$ -thiocynoethoxy) butene-2). T houseflies, 112, 1032P, 1201P.

402-592-1003-1012-1022.

Propionaldehyde bis(2-thiocynoethyl)acetal;  $\text{C}_3\text{H}_7\text{CH}(\text{OC}_2\text{H}_4\text{SCN})_2$ . (Thiocyno acid, 2-[1-(2-thiocynoethoxy)propoxy]ethyl ester;  $\alpha,\alpha$ -bis( $\beta$ -thiocynoethoxy) propane). Fly spray, 112, 1032P.

402-592-1003-1012-1023.

Propionaldehyde,  $\gamma$ -thiocyno-, bis(2-thiocynoethyl)-acetal;  $\text{NCSC}_2\text{H}_5\text{CH}_2\text{CH}(\text{OC}_2\text{H}_4\text{SCN})_2$ . (Thiocyno acid, 3, 3-bis(2-thiocynoethoxy)propyl ester;  $\alpha,\alpha$ -bis( $\beta$ -thiocynoethoxy)- $\gamma$ -thiocyno-propane). Fly spray, 112, 1032P, 1201P.

402-592-1003-1014-1022.

Pentane, 1, 5-bis(2-thiocynoethoxy)-3-ethyl-;  $\text{CH}_3\text{CH}_2\text{CH}(\text{C}_2\text{H}_4\text{OC}_2\text{H}_4\text{SCN})_2$ . ( $\alpha,\alpha$ -Bis( $\beta$ -thiocynoethoxy)ethyl propane). 711P, 1201P, 1205P, 1432.

402-592-1004-1023.

Methane, bis(3-thiocyanopropoxy)-;  $\text{H}_2\text{C}(\text{OC}_3\text{H}_6\text{SCN})_2$ . (Thiocyno acid, 3-(3-thiocyanopropoxy)methoxy)propyl ester; bis( $\gamma$ -thiocyanopropoxy) methane). Fly spray, 112, 1032P.

402-592-1012-1023.

Methane, bis(2-thiocynoethoxy)-;  $\text{H}_2\text{C}(\text{OC}_2\text{H}_4\text{SCN})_2$ . (Bis( $\beta$ -thiocynoethoxy) methane). 711P, 1201P, 1205P, 1432.

402-592-1013-1022.

Acetaldehyde bis(2-thiocynoethyl)acetal;  $\text{C}_2\text{H}_5\text{OC}_2\text{H}_4\text{SCN})_2$ . ( $\alpha,\alpha$ -Bis( $\beta$ -thiocynoethoxy) ethane; thiocyno acid, 2-[1-(2-thiocynoethoxy)ethoxy] ethyl ester). T houseflies, 112, 1032P, 1201P.

402-594-1013-1024.

Acetaldehyde bis[(2-thiocynoethoxy)methyl]acetal;  $\text{C}_2\text{H}_5\text{OCH}_2\text{OC}_2\text{H}_4\text{SCN})_2$ . ( $\alpha,\alpha$ -Bis( $\beta$ -thiocynoethoxy)methoxy) ethane). T houseflies, 112, 1032P, 1201P.

- 402-594-1013-1024.  
Ethane, 1, 2-bis[(2-thioacyanoethoxy)methoxy]-; (-CH<sub>2</sub>OCH<sub>2</sub>OC<sub>2</sub>H<sub>4</sub>SCN)<sub>2</sub>. (α,α'-Bis(β-thioacyanoethoxymethoxy)-ethane; thiocyanic acid, 2-[2-(2-thioacyanoethoxymethoxy)ethoxymethoxy]ethyl ester).  
T houseflies. 112, 711P, 1032P, 1201P, 1205P, 1432.
- 402-691-1013-1023.  
Triethylamine, 2, 2', 2''-trithiocyano-; N(C<sub>2</sub>H<sub>5</sub>SCN)<sub>3</sub>. (Tris(β-thioacyanoethyl)amine). 1201P.
- 402-701-951-1003-1021.  
α,α'-Toluenediol, m-cyano-, dithiocyanate; NCC<sub>6</sub>H<sub>4</sub>-CH(SCN)<sub>2</sub>. (Thiocyanic acid, m-cyanobenzal ester). 1178, 1246P.
- 402-730-1023.  
α,α'-Pyridinemethanediol dithiocyanate; C<sub>5</sub>H<sub>5</sub>NCH(SCN)<sub>2</sub>. (Thiocyanic acid, pyridine ester). 1178, 1246P.
- 402-781-881-951-1022-1027.  
Thiocyanic acid, substituted phenylmethyl esters of; C<sub>6</sub>H<sub>5</sub>(R)(Salk)(CH<sub>2</sub>SCN)<sub>2</sub>.  
The above formula wherein Alk stands for an alkyl radical, R for hydrogen, halogen, or an alkyl radical, and x stands for 1 or 2. 1178, 1388P.
- 402-781-1012-1022.  
Sulfide, bis(2-thioacyanoethyl)-; S(CH<sub>2</sub>CH<sub>2</sub>SCN)<sub>2</sub>. Bis(β-thioacyanoethyl) sulfide).  
T houseflies. 112, 711P, 1032P, 1201P, 1205P, 1432.
- 402-841-951-1024.  
α,α,α',α'-m-Xylenetetrol, (?) -bromo-, tetrathiocyanate; BrC<sub>6</sub>H<sub>4</sub>[CH(SCN)]<sub>2</sub>. (Thiocyanic acid, 6(?) bromoisophthalal ester).  
T plant lice when used at 0.16 mg./cm<sup>2</sup>. 1178, 1247P.
- 402-851-951-1023.  
α,α'-Toluenediol, 3-chloro-, dithiocyanate; ClC<sub>6</sub>H<sub>4</sub>-CH(SCN)<sub>2</sub>. (Thiocyanic acid, m-chlorobenzal ester).  
55% T plant lice at 2%. 1178, 1246P, 1247P.
- 402-951-1011-1022.  
1, 2-Ethanediol, 1-phenyl-, dithiocyanate; C<sub>6</sub>H<sub>5</sub>-CH(SCN)CH<sub>2</sub>SCN. (1-Phenyl-2-thiocyanomethyl ester of thiocyanic acid; styroidithiocyanate; dithiocyanostyrene).  
T *Pisoma quadrata* and houseflies. 112, 380P, 384P, 385P, 1032P, 1178, 1473P.
- 402-951-1022.  
Thiocyanic acid, m-phenylene ester; C<sub>6</sub>H<sub>4</sub>(SCN)<sub>2</sub>. 570P.
- 402-951-1023.  
α,α'-Toluenediol dithiocyanate; C<sub>6</sub>H<sub>5</sub>CH(SCN)<sub>2</sub>. (Thiocyanic acid, benzal ester). 295, 372P, 380P, 384P, 385P, 648, 815P, 1178, 1245P, 1474P.
- 402-951-1025.  
α,α,α',α'-m-Xylenetetrol tetrathiocyanate; C<sub>6</sub>H<sub>4</sub>[CH(SCN)]<sub>2</sub>. (m-Xylene, ω,ω-tetrathiocyano-). 1178, 1247P.
- 402-951-1025.  
α,α,α',α'-m-Xylenetetrol tetrathiocyanate; C<sub>6</sub>H<sub>4</sub>[CH(SCN)]<sub>2</sub>. (o-Xylene, ω,ω-tetrathiocyano-). 1178, 1247P.
- 402-951-1025.  
α,α,α',α'-p-Xylenetetrol tetrathiocyanate; C<sub>6</sub>H<sub>4</sub>[CH(SCN)]<sub>2</sub>. (p-Xylene, ω,ω-tetrathiocyano-; thiocyanic acid, terephthalal ester), 70% T plant lice. 1178, 1247P.
- 402-957-970-1025.  
Pinene, dithiocyano-; C<sub>10</sub>H<sub>16</sub>(SCN)<sub>2</sub>. (Thiocyanic acid, thiocyanopinene ester; di-thiocyano-pinene).  
Fly spray. 112, 1223P.
- 402-1003-1022.  
1, 2-Propanediol dithiocyanate; CH<sub>3</sub>CH(SCN)CH<sub>2</sub>SCN. (2-Thiocyanopropyl ester of thiocyanic acid; propylene dithiocyanate).  
T *Aphis rumicis*. 1432, 1484.
- 402-1003-1022.  
1, 3-Propanediol dithiocyanate; NCSCH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>SCN. (Trimethylene dithiocyanate; 3-thiocyanopropyl ester of thiocyanic acid).  
T *Aphis rumicis* and beetles; NT silkworm. 647, 1432, 1484, 1487.
- 402-1011-1021.  
Ethanediol dithiocyanate, CU; C<sub>2</sub>H<sub>4</sub>(SCN)<sub>2</sub>. (Ethylidithiocyanate).  
NT *Malacosoma americana*. 119.
- 402-1011-1022.  
Glycol dithiocyanate; NCSCH<sub>2</sub>CH<sub>2</sub>SCN. (Ethylene dithiocyanate; thiocyanic acid, 2-thioacyanoethyl ester).  
T houseflies, *Pisoma quadrata*, *Aphis rumicis*, and 9-25% T tent caterpillar at 0.1%. 112, 119, 380P, 384P, 385P, 1032P, 1178, 1473P, 1484.
- 402-1011-1022.  
1, 1-Ethanediol dithiocyanate; CH<sub>3</sub>CH(SCN)<sub>2</sub>. (Thiocyanic acid, ethylidene ester). 1178, 1246P.
- 402-1022-1027.  
1, 1-Alkanediol dithiocyanate; RCH(SCN)<sub>2</sub>. (Thiocyanates, di-). 1178, 1246P.
- 402-1023.  
Methanediol, dithiocyanate? CH<sub>3</sub>(SCN)<sub>2</sub>. (Thiocyanic acid, methylene ester). 1178, 1246P.
- 411-581-951-1021.  
Isothiocyanic acid, p-hydroxyphenyl ester; HOC<sub>6</sub>H<sub>4</sub>-NCS. (p-Hydroxyphenyl isothiocyanate). 575P, 1432.
- 411-581-962-1021.  
Isothiocyanic acid, cyclohexyl ester, compound with cyclohexylamine; C<sub>6</sub>H<sub>11</sub>NHC<sub>6</sub>H<sub>10</sub>NCS? (Cyclohexylisothiocyanate cyclohexylamine).  
T *Myzus persicae*. 772.
- 411-851-951-1021.  
Isothiocyanic acid, chlorophenyl ester; ClC<sub>6</sub>H<sub>4</sub>NCS. (Chlorophenyl isothiocyanate). 575P, 1432.
- 411-910-1003-1024.  
Isothiocyanic acid, hydroxyabietyl ester; SCNCH<sub>2</sub>-(C<sub>17</sub>H<sub>33</sub>)(CH<sub>3</sub>)<sub>2</sub>CH(CH<sub>3</sub>)<sub>2</sub>.  
T house flies. 112, 1223P.
- 411-924-1021.  
Isothiocyanic acid, naphthyl ester; C<sub>10</sub>H<sub>7</sub>NCS. (Naphthylisothiocyanate). 27, 295, 1207.
- 411-930-1025.  
Isothiocyanic acid, bornyl ester; C<sub>15</sub>H<sub>17</sub>NCS.  
Fly spray. 112, 1223P.
- 411-951-1003-1021.  
Isothiocyanic acid, terpineyl ester; C<sub>15</sub>H<sub>17</sub>NCS.  
Fly spray. 112, 1223P.
- 411-951-1021.  
Isothiocyanic acid, phenyl ester; C<sub>6</sub>H<sub>5</sub>NCS. (Phenyl isothiocyanate; phenyl mustard oil).  
T young codling moth larvae. 575P, 929, 930, 1432, 1487.
- 411-951-1022.  
Isothiocyanic acid, benzyl ester; C<sub>6</sub>H<sub>5</sub>CH<sub>2</sub>NCS. (Benzyl isothiocyanate; benzyl mustard oil). 575P, 1432.
- 411-961-1003-1021.  
Isothiocyanic acid, menthyl ester; C<sub>10</sub>H<sub>17</sub>NCS.  
Fly spray. 112, 1223P.
- 411-961-1021.  
Isothiocyanic acid, cyclohexyl ester; C<sub>6</sub>H<sub>11</sub>NCS. (Cyclohexyl isothiocyanate).  
NT *Myzus persicae* and *Tetranychus telarius*. 772, 1432.
- 411-975-1021.  
Isothiocyanic acid, aryl esters, CU. 575P.
- 411-980-1021.  
Isothiocyanic acid, myrricil ester; C<sub>30</sub>H<sub>51</sub>NCS. (Me-lissyl isothiocyanate).  
T flies, aphids, etc. 1227P, 1432.
- 411-980-1021.  
Isothiocyanic acid, carnaubyl ester; C<sub>24</sub>H<sub>45</sub>NCS. (Carnaubyl isothiocyanate).  
T flies, aphids, etc. 1227P, 1432.
- 411-983-1021.  
Isothiocyanic acid, 1-octadecyl ester; C<sub>18</sub>H<sub>37</sub>NCS. (Stearyl isothiocyanate).  
T flies, aphids, etc. 1227P, 1432.
- 411-983-1021-1030.  
Isothiocyanic acid, oleyl ester; C<sub>19</sub>H<sub>39</sub>NCS. (Oleyl isothiocyanate).  
T flies, aphids, etc. 1227P, 1432.
- 411-985-1021.  
Isothiocyanic acid, cetyl ester; C<sub>18</sub>H<sub>37</sub>NCS. (Cetyl isothiocyanate).  
T flies, aphids, etc. 1227P, 1432.
- 411-987-1021.  
Isothiocyanic acid, 2, 4, 6, 8-tetramethyldecyl ester; CH<sub>3</sub>CH<sub>2</sub>CH(CH<sub>3</sub>)CH<sub>2</sub>CH(CH<sub>3</sub>)CH<sub>2</sub>CH(CH<sub>3</sub>)CH<sub>2</sub>CH(CH<sub>3</sub>)CH<sub>2</sub>NCS. (2, 4, 6, 8-Tetramethyldecanyl-1 isothiocyanate).  
T flies, aphids, etc. 1227P, 1432.
- 411-988-1021.  
Isothiocyanic acid, 2, 4, 6-trimethyldecyl ester; CH<sub>3</sub>CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>CH(CH<sub>3</sub>)CH<sub>2</sub>CH(CH<sub>3</sub>)CH<sub>2</sub>CH<sub>2</sub>NCS.

- (CH<sub>3</sub>)<sub>2</sub>CHNCS. (2, 4, 6-Trimethyldecanyl-1 isothiocyanate).  
T flies, aphids, etc. 1227P, 1432.
- 411-989-1021.  
Isothiocyanic acid, dodecyl ester; C<sub>12</sub>H<sub>25</sub>NCS. (Lauryl isothiocyanate).  
T flies, aphids, etc. 1227P, 1432.
- 411-989-1021.  
Isothiocyanic acid, *sec*-dodecyl ester; (CH<sub>3</sub>)<sub>2</sub>CH-(CH<sub>2</sub>)<sub>9</sub>NCS. (*sec*-Dodecanyl isothiocyanate).  
T flies, aphids, etc. 1227P, 1432.
- 411-991-1021.  
Isothiocyanic acid, 2, 6-dimethyloctyl ester; CH<sub>3</sub>-CH<sub>2</sub>CH(CH<sub>3</sub>)CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>CH(CH<sub>3</sub>)CH<sub>2</sub>NCS. (2, 6-Dimethyloctanyl-1 isothiocyanate).  
T flies, aphids, etc. 1227P, 1432.
- 411-992-1021.  
Isothiocyanic acid, nonyl ester; C<sub>9</sub>H<sub>19</sub>NCS. (Nonyl isothiocyanate).  
T flies, aphids, etc. 1227P, 1432.
- 411-993-1021.  
Isothiocyanic acid, 2, 4-dimethylhexyl ester; CH<sub>3</sub>-CH<sub>2</sub>CH(CH<sub>3</sub>)CH<sub>2</sub>CH(CH<sub>3</sub>)CH<sub>2</sub>NCS. (2, 4-Dimethylhexanyl-1 isothiocyanate).  
T flies, aphids, etc. 1227P, 1432.
- 411-993-1021.  
Isothiocyanic acid, 2, 6-dimethylhexyl ester; CH<sub>3</sub>-(CH<sub>2</sub>)<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>CH(CH<sub>3</sub>)CH<sub>2</sub>NCS. (2, 6-Dimethylhexanyl isothiocyanate).  
T flies, aphids, etc. 1227P, 1432.
- 411-993-1021.  
Isothiocyanic acid, octyl ester; C<sub>8</sub>H<sub>17</sub>NCS. (Octyl isothiocyanate).  
T flies, aphids, etc. 1227P, 1432.
- 411-995-1021.  
Isothiocyanic acid, 4-methylhexyl ester; CH<sub>3</sub>CH<sub>2</sub>CH-(CH<sub>3</sub>)CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>NCS. (4-Methylhexanyl-1 isothiocyanate).  
T flies, aphids, etc. 1227P, 1432.
- 411-997-1021.  
Isothiocyanic acid, 2-methylamyl ester; CH<sub>3</sub>CH<sub>2</sub>CH<sub>2</sub>-CH(CH<sub>3</sub>)CH<sub>2</sub>NCS. (2-Methylpentanyl-1-isothiocyanate).  
T flies, aphids, etc. 1227P, 1432.
- 411-999-1021.  
Isothiocyanic acid, amyl ester; C<sub>5</sub>H<sub>11</sub>NCS. (*n*-Amyl isothiocyanate; *n*-amyl mustard oil).  
T as fish poison. 295, 1178.
- 411-999-1021.  
Isothiocyanic acid, isoamyl ester; (CH<sub>3</sub>)<sub>2</sub>CHCH<sub>2</sub>-CH<sub>2</sub>NCS. (Isoamyl isothiocyanate;  $\gamma$ -methylbutyl isothiocyanate).  
T goldfish. 295, 1178.
- 411-999-1021.  
Isothiocyanic acid, *tert*-amyl ester; CH<sub>3</sub>CH<sub>2</sub>C-(CH<sub>3</sub>)<sub>2</sub>NCS. (*tert*-Amyl isothiocyanate).  
NT as fish poison. 295, 1178.
- 411-1003-1021-1030.  
Isothiocyanic acid, allyl ester; CH<sub>2</sub>=CHCH<sub>2</sub>NCS. (Allyl isothiocyanate; 2-propenyl isothiocyanate; allyl mustard oil).  
100% T rice weevil and T *Agrotis*; ST codling moth; NT scale insects. 268, 846, 925, 1013, 1178, 1180, 1382, 1392, 1432.
- 411-1011-1021.  
Isothiocyanic acid, ethyl ester; C<sub>2</sub>H<sub>5</sub>NCS. (Ethyl isothiocyanate; ethyl mustard oil).  
100% T rice weevil, T *Chrysomphalus aurantii*, wireworms, and codling moth larvae. 268, 846, 915, 1178, 1180, 1432.
- 411-1021-1045.  
Isothiocyanic acid, esters of, CU; RNCS.  
T *Chrysomphalus aurantii*. 268, 1178, 1432.
- 411-1022.  
Isothiocyanic acid, methyl ester; CH<sub>3</sub>NCS. (Methyl isothiocyanate; methyl mustard oil).  
T *Chrysomphalus aurantii*. 268, 1178.
- 412-581-951-1012.  
Benzene, chlorodisithiocyanate-, CU; ClC<sub>6</sub>H<sub>4</sub>(NCS)<sub>2</sub>. (Chlorophenylene diisithiocyanate). 575P, 1432.
- 412-951-1022.  
Hydroquinone diisithiocyanate; C<sub>6</sub>H<sub>4</sub>(NCS)<sub>2</sub>. (*p*-Phenylene diisithiocyanate). 575P, 1432.
- 412-951-1022.  
Resorcinol diisithiocyanate; C<sub>6</sub>H<sub>4</sub>(NCS)<sub>2</sub>. (*m*-Phenylene diisithiocyanate).  
50-60% T tree lice. 575P, 1432.
- 412-951-1023.  
Toluene, diisithiocyanate-, CU; CH<sub>3</sub>C<sub>6</sub>H<sub>4</sub>(NCS)<sub>2</sub>. (Tolylene diisithiocyanate). 575P, 1432.
- 412-951-1024.  
Xylene, diisithiocyanate-, (CH<sub>3</sub>)<sub>2</sub>C<sub>6</sub>H<sub>4</sub>(NCS)<sub>2</sub>. (Xylylene diisithiocyanate). 575P, 1432.  
Note: Inorganic thiocyanates and isothiocyanates are given the numbers of 1405 and 1406.
- 440-521-692-950-1024.  
Methylene blue; (CH<sub>3</sub>)<sub>2</sub>N(C<sub>12</sub>H<sub>8</sub>NS)(CH<sub>3</sub>)<sub>2</sub>Cl. (Methylthionine chloride; 3, 9-bisdimethylaminophenazonium chloride).  
T *Lucilia cuprina* larvae; NT clothes moth. 487, 849, 975, 1144, 1176.
- 440-571-851-950.  
1, 4, 2-Benzothiazine-3(4)-one, 6-chloro-, O:(C<sub>6</sub>H<sub>5</sub>NS)Cl.  
88% T codling moth larvae and 29% T mosquito larvae. 487, 1291.
- 440-571-924-1011.  
7-Dibenzo[c,h]phenothiazine, 7-acetyl-, (C<sub>6</sub>H<sub>11</sub>NS)COCH<sub>3</sub>. (*N*-Acetyl-2, 3, 9, 10-dibenzophenothiazine).  
T *Lucilia cuprina* larvae. 849.
- 440-571-950.  
3-Isophenothiazin-3-one; (C<sub>12</sub>H<sub>7</sub>NS):O. (Phenothiazine).  
100% T mosquito larvae and 94% T codling moth larvae. 487, 1291.
- 440-581-801-950-1024-1389.  
Phenazathionium methyl sulfate, 6-hydroxy-4, 5, 10-trimethyl-, HO(C<sub>12</sub>H<sub>8</sub>NS)(CH<sub>3</sub>)<sub>4</sub>SO<sub>3</sub>CH<sub>3</sub>. (4-Methyl-6-hydroxy-*N*-methyl-*S*-methylidiphenylamine sulfonium methoxysulfate). 526P.
- 440-581-950.  
1-Phenothiazinol; (C<sub>12</sub>H<sub>8</sub>NS)OH. (Phenothiazine, 4-hydroxy-).  
NT adult Colorado potato beetle. 606, 1432.
- 440-672-950.  
Thionine; (C<sub>12</sub>H<sub>7</sub>NS)(NH<sub>2</sub>)<sub>2</sub>? (Lauth's violet).  
NT mosquito larvae. 487.
- 440-801-950-951-1021-1291.  
Phenazathionium chloride, 10-methyl-5-phenyl-, CH<sub>3</sub>(C<sub>12</sub>H<sub>8</sub>NS)(Cl)C<sub>6</sub>H<sub>5</sub>. (*N*-Methyl-*S*-phenyldiphenylamine sulfonium chloride). 526P.
- 440-801-950-1025-1389.  
Phenazathionium methyl sulfate, 3, 5, 6, 10-tetramethyl-, (CH<sub>3</sub>)<sub>4</sub>(C<sub>12</sub>H<sub>8</sub>NS)SO<sub>3</sub>CH<sub>3</sub>. (3, 6-Dimethyl-*N*-methyl-*S*-methylidiphenylamine sulfonium methoxysulfate). 526P.
- 440-924.  
2, 3-Naphthothiazine, CU; C<sub>12</sub>H<sub>8</sub>NS. 323.
- 440-924.  
7-Dibenzo[c,h]phenothiazine; C<sub>20</sub>H<sub>11</sub>NS. (2, 3, 9, 10-Dibenzo-phenothiazine).  
T *Lucilia cuprina* larvae. 849.
- 440-924-950.  
12-Benzo[a]phenothiazine; C<sub>18</sub>H<sub>11</sub>NS. (Thiophenyl  $\alpha$ -naphthylamine;  $\alpha$ -benzophenothiazine).  
HT mosquito larvae; NT Mexican bean beetle and Colorado potato beetle. 487, 606, 1432.
- 440-950.  
Phenothiazine; C<sub>12</sub>H<sub>8</sub>NS. (Phenothiazine; thiodiphenylamine).  
T several species of insects. 487, 490, 546, 559, 606, 611, 723, 849, 1120, 1222P, 1233, 1329, 1432.
- 440-950.  
Phenothiazine, residues from, CU. (Thiodiphenylamine residues).  
80% T Mexican bean beetle. 606.
- 440-950-1011.  
Phenothiazine, 10-ethyl-, (C<sub>12</sub>H<sub>8</sub>NS)C<sub>2</sub>H<sub>5</sub>. (*N*-Ethylphenothiazine; 6-ethylphenothiazine).

- 53% T mosquito larvae and T *Lucilia cuprina* larvae. 487, 488, 849, 1233.
- 440-950-1021.  
Phenothiazine, 10-methyl-;  $(C_{11}H_8NS)CH_3$ . (N-Methyl thiophenylamine; phenothiazine, N-methyl). 45.5% T mosquito larvae and T *Lucilia cuprina* larvae; NT Mexican bean beetle. 487, 488, 606, 849, 1233, 1432.
- 440-950-1022.  
Phenothiazine, 3, 7-dimethyl-;  $(C_{12}H_8NS)(CH_3)_2$ . (3, 9-Dimethyl phenothiazine).  
T *Lucilia cuprina* larvae. 849.
- 440-950-1024.  
Phenothiazine, 1, 3, 7, 9-tetramethyl-;  $(C_{12}H_8NS)(CH_3)_4$ . (3, 5, 7, 9-Tetramethyl phenothiazine).  
T *Lucilia cuprina* larvae. 849.  
For other derivatives of phenothiazine, see:  
187-440-852-950.  
187-440-950-989.  
187-440-950-1011.  
187-440-950-1011-1022.
- 460-541-731-950-1011.  
Acetic acid, 2-benzothiazolylmercapto-;  $(C_7H_4NS)SCH_2COOH$ . (Glycolic acid, thio-, 1-benzothiazole). 18P, 85P, 594P, 1178.
- 460-571-671.  
4-Thiazolidone, 2-amino-;  $O:(C_5H_4NS)NH_2$ .  
NT Mexican bean beetle. 606.
- 460-571-691-796-951-1023-1030.  
Rhodanine, 5(p-dimethylaminobenzylidene)-;  $O:(C_7H_4NHS)CHC_6H_4N(CH_3)_2$ ? (p-Dimethyl amino benzal rhodanine).  
NT *Bombyx mori* larvae. 559.
- 460-571-700.  
Pseudothiohydantoin;  $O:(C_5H_4NS):NH$ . (2-Imino-4-keto-tetrahydro-thiazole; 4-thiazolidone, 2-imino-).  
NT Mexican bean beetle at 10%. 18P, 85P, 594P, 595P, 596P, 606, 1178, 1432.
- 460-571-700-952.  
4-Thiazolidone, 3-phenyl-2-phenylimino-;  $O:(C_6H_5NS)(:NC_6H_5)C_6H_5$ .  
NT mosquito larvae. 487.
- 460-571-796.  
Rhodanine;  $O:(C_5H_4NS)S$ . (2-Thio, 2, 4-thiazolidone).  
NT *Bombyx mori* larvae. 18P, 85P, 559, 594P, 595P, 596P, 1178, 1432.
- 460-572.  
2, 4(3, 5)-Thiazolidone;  $O:(C_5H_4NS):O$ . (2, 4-Diketo-tetrahydro-thiazole). 18P, 85P, 594P, 595P, 596P, 1178.
- 460-581-671-950.  
6-Benzothiazolol, 2-amino-;  $HO(C_7H_4NS)NH_2$ . (Benzothiazole, 2-amino-6-hydroxy-). 18P, 85P, 594P, 595P, 596P, 1178.
- 460-581-781-950-1027.  
Benzothiazoles, 2-hydroxyalkylmercapto-;  $(C_7H_4NS)SROH$ . 237P.
- 460-581-950.  
2-Benzothiazolol;  $(C_7H_4NS)OH$ . (Benzothiazole, 2-hydroxy-). (Incorrectly listed as 1-hydroxy).  
90% T aphids. 18P, 85P, 594P, 595P, 596P, 1178.
- 460-591-671-950-1011.  
Benzothiazole, 2-amino-6-ethoxy-;  $C_2H_5O(C_7H_4NS)NH_2$ .  
30-40% T Colorado potato beetle and Mexican bean beetle. 301P, 606, 1432.
- 460-591-671-950-1011-1313.  
Benzothiazole, 2-amino-6-ethoxy-, fluosilicate;  $CaH_2O(C_7H_4NS)NH_2.H_2SiF_6$ .  
99% T black chrysanthemum aphid and T Mexican bean beetle and Colorado potato beetle. 301P, 307P, 606, 1178, 1179.
- 460-591-781-950-1027.  
Benzothiazoles, 2-alkoxyalkylmercapto-;  $(C_7H_4NS)SROR$ . 237P.
- 460-591-791-950-1011.  
Benzothiazole, 6-ethoxy-2-mercapto-;  $C_2H_5O(C_7H_4NS)SH$ .  
NT Japanese beetle. 496, 1432.
- 460-591-950-1045.  
2-Benzothiazolol, and derivatives of, CU;  $(C_7H_4NS)OR$ . (Benzothiazoles).  
R is hydrogen or an atom or atom grouping which can replace hydrogen when it exercises its acidic functions. 85P, 1178.
- 460-671-851-950.  
Benzothiazole, 2-amino-6-chloro-;  $Cl(C_7H_4NS)NH_2$ .  
T Japanese beetle at 8 lbs./100 gal.; NT Colorado potato beetle and Mexican bean beetle. 496, 606, 1432.
- 460-671-924.  
Naphtho[2,1]thiazole, 2-amino-;  $(C_{11}H_8NS)NH_2$ . (2-Amino-naphthothiazole).  
10% T Mexican bean beetle. 606, 1432.
- 460-671-950-951-1021.  
Primuline;  $CH_3(C_7H_4NS)C_6H_4NH_2$ .  
NT screwworms. 150.
- 460-671-1021.  
Thiazole, 2-amino-4-methyl-;  $CH_3(C_5H_4NS)NH_2$ . (Sulfocyanpropimin). 18P, 85P, 594P, 595P, 596P, 1178.
- 460-672-791-950-951-1108.  
Benzothiazole, 2-mercapto-; compound with p-phenyl-enediamine;  $(C_7H_4NS)SH.H_2NC_6H_4NH_2$ . (p-Amino-phenylammonium-2-benzothiazolyl sulfide).  
NT as mothproofing agent. 239.
- 460-672-791-950-951-1108.  
Benzothiazole, 2-mercapto-, compound with p-phenyl-enediamine;  $[(C_7H_4NS)SH]_2.C_6H_4(NH_2)_2$ . (p-Phenylene-bis(ammonium-2-benzothiazolyl sulfide)).  
NT as mothproofing agent. 239.
- 460-672-950.  
Benzothiazole, 2, 5-diamino-;  $(C_7H_4NS)(NH_2)_2$ . (Benzothiazole, 1, 4-diamino-). 18P, 85P, 594P, 595P, 596P, 1178.
- 460-681-781-950-951-1021.  
Benzothiazole, 2-anilinomethylmercapto-;  $(C_7H_4NS)SCH_2NHC_6H_5$ . ((Anilinomethyl)-1-benzothiazolyl sulphide).  
94% T codling moth larvae and 88% T mosquito larvae. 487, 1291.
- 460-681-781-950-951-1022.  
Benzothiazole, 2-(o-tolueno)methylmercapto-;  $(C_7H_4NS)SCH_2NHC_6H_4CH_3$ . (1-Benzothiazolyl-(o-toluenomethyl) sulphide).  
75% T codling moth larvae. 1291.
- 460-681-781-950-951-1022.  
Benzothiazole, 2-(p-tolueno)methylmercapto-;  $(C_7H_4NS)SCH_2NHC_6H_4CH_3$ . (1-Benzothiazolyl-(p-toluenomethyl) sulphide).  
78% T codling moth larvae and T mosquito larvae. 487, 1291.
- 460-681-950-951.  
Benzothiazole, 2-anilino-;  $(C_7H_4NS)NHC_6H_5$ . (2-(1)-Anilinobenzothiazole).  
HT codling moth larvae; 8% T mosquito larvae. 487, 1291.
- 460-691-791-950-1022.  
Benzothiazole, 6-dimethylamino-2-mercapto-;  $HS(C_7H_4NS)(CH_3)_2$ .  
NT mosquito larvae. 487.
- 460-691-950-1045.  
Benzothiazole, 2-dialkylamino-, CU;  $(C_7H_4NS)NRR'$ . (Benzothiazoles). 85P, 1178.
- 460-691-1023.  
Thiazole, 2-dimethylamino-4-methyl-;  $(CH_3)_2N(C_2H_5NS)CH_3$ .  
90% T mosquito larvae. 487.
- 460-700-950.  
Benzothiazoline, 2-imino-;  $(C_7H_4NS):NH$ .  
HT codling moth at 4%; NT greenhouse red spider at 4%. 1481.
- 460-730-740-782-950-1021.  
Benzothiazole, 2, 2'-dithiobis-, compound with nicotine;  $[(C_7H_4NS)S]_2.C_{10}H_{14}N_2$ . 1432.
- 460-730-740-782-950-1023.  
Benzothiazole, 2, 2'-dithiobis[dimethyl-, compound with nicotine;  $[(CH_3)_2(C_7H_4NS)S]_2.C_{10}H_{14}N_2$ . (Mercaptoxylylthiazole, nicotine salt). 1432.
- 460-730-740-791-924-1021.  
Naphthothiazole, 2-mercapto-, compound with nicotine;  $[(C_{11}H_8NS)S]_2.C_{10}H_{14}N_2$ . 1432.
- 460-730-740-791-950-951-1021.  
Benzothiazole, 2-mercapto-6-phenyl-, compound with nicotine;  $C_6H_5(C_7H_4NS)SH.C_{10}H_{14}N_2$ . (2-Mercapto-6-phenylbenzothiazole, nicotine salt). 1284P, 1432.



- 460-730-740-791-850-1021.  
Benzothiazole, 2-mercapto-, compound with nicotine;  $(C_7H_4NS)SH.C_{10}H_{14}N_2$ . (2-Mercaptobenzothiazole, nicotine salt). 198, 1205P, 1234P, 1432.
- 460-730-740-791-950-1022.  
Benzothiazole, 2, 2'-dithiobis[methyl-, compound with nicotine;  $[CH_3(C_7H_4NS)S]_2.C_{10}H_{14}N_2$ . (Ditolylthiazyl disulfide, nicotine salt). 1432.
- 460-730-740-791-950-1022.  
Benzothiazole, 2-mercapto-6-methyl-, compound with nicotine;  $CH_3(C_7H_4NS)SH.C_{10}H_{14}N_2$ . (2-Mercapto-6-methylbenzothiazole, nicotine salt). 1178, 1234P.
- 460-781-950-951.  
Benzothiazole, 2-phenylmercapto-;  $(C_7H_4NS)SC_6H_5$ . 237P.
- 460-781-950-1045.  
Benzothiazole, 2-mercapto-, derivatives of;  $(C_7H_4NS)SR$ .  
R is hydrogen or an atom or atom grouping which can replace hydrogen when it exercises its acidic functions. 85P, 237P, 1178.
- 460-781-951-1027.  
Benzothiazole, 2-alkylmercapto-;  $(C_7H_4NS)SR$ .  
R is an alkyl group of not more than 6 carbon atoms or a hydroxyalkyl or alkoxyalkyl group and the  $C_6H_5$  group. 237P.
- 460-782-950.  
Benzothiazole, 2,2'-dithiobis;  $[C_7H_4NS]_2$ . [Bis(2-benzothiazolyl)disulfide].  
85% T codling moth larvae; NT mosquito larvae. 487.
- 460-791-950.  
Benzothiazole, 2-mercapto-;  $(C_7H_4NS)SH$ . (2-Benzothiazolethiol; *o*-thiocarbamidothiophenol).  
88% T mosquito larvae, T codling moth, and Japanese beetle; ST Colorado potato beetle and Mexican bean beetle. 85P, 172, 561, 608, 1178, 1291, 1432.
- 460-791-950-1021.  
Benzothiazole, 2-mercapto-5-methyl-;  $CH_3(C_7H_4NS)SH$ .  
100% T mosquito larvae. 487.
- 460-796-950-1011.  
Benzothiazole, 3-ethyl-2-thiono-?  $C_5H_5(C_7H_4NS):S?$  (*N*-Ethylbenzothiazolethione). 236P.
- 460-796-950-1021.  
Benzothiazole, 3-methyl-2-thiono-?  $CH_3(C_7H_4NS):S?$  (*N*-Methylbenzothiazolethione). 737P.
- 460-841-951-1011.  
Thiazole, 4-(*p*-bromophenyl)-2-ethyl-;  $BrC_6H_4(C_6HNS)C_2H_5$ . 1478.
- 460-841-951-1011-1176-1291.  
Thiazole, 4-(*p*-bromophenyl)-2-ethyl-, compound with mercuric chloride;  $BrC_6H_4(C_6HNS)C_2H_5.HgCl_2$ . 1478.
- 460-841-951-1021.  
Thiazole, 4-(*p*-bromophenyl)-2-methyl-;  $BrC_6H_4(C_6HNS)CH_3$ . 1478.
- 460-841-951-1021-1176-1291.  
Thiazole, 4-(*p*-bromophenyl)-2-methyl-, compound with mercuric chloride;  $BrC_6H_4(C_6HNS)CH_3.HgCl_2$ . 1478.
- 460-851-950-951.  
Benzothiazole, 5-chloro-2-phenyl-;  $Cl(C_7H_3NS)C_6H_5$ .  
76% T mosquito larvae. 172, 1178.
- 460-851-950-951.  
Benzothiazole, 6-chloro-2-phenyl-;  $Cl(C_7H_3NS)C_6H_5$ .  
88% T mosquito larvae. 172, 1178.
- 460-851-951-1011.  
Thiazole, 4-(*p*-chlorophenyl)-2-ethyl-;  $ClC_6H_4(C_6HNS)C_2H_5$ . 1478.
- 460-851-951-1011-1176-1291.  
Thiazole, 4-(*p*-chlorophenyl)-2-ethyl-, compound with mercuric chloride;  $ClC_6H_4(C_6HNS)C_2H_5.HgCl_2$ . 1478.
- 460-851-951-1021.  
Thiazole, 4-(*p*-chlorophenyl)-2-methyl-;  $ClC_6H_4(C_6HNS)CH_3$ . 1478.
- 460-851-951-1021-1176-1291.  
Thiazole, 4-(*p*-chlorophenyl)-2-methyl-, compound with mercuric chloride;  $ClC_6H_4(C_6HNS)CH_3.HgCl_2$ . 1478.
- 460-851-951-1021-1276.  
Thiazole, 4-(*p*-chlorophenyl)-2-methyl-hydrobromide;  $ClC_6H_4(C_6HNS)CH_3.HBr$ . 1432, 1478.
- 460-871-951-1011.  
Thiazole, 2-ethyl-4-(*p*-iodophenyl)-;  $IC_6H_4(C_6HNS)C_2H_5$ . 1478.
- 460-871-951-1011-1176-1291.  
Thiazole, 2-ethyl-4-(*p*-iodophenyl)-, compound with mercuric chloride;  $IC_6H_4(C_6HNS)C_2H_5.HgCl_2$ . 1478.
- 460-871-951-1021.  
Thiazole, 4-(*p*-iodophenyl)-2-methyl-;  $IC_6H_4(C_6HNS)CH_3$ . 1478.
- 460-871-951-1027-1176-1291.  
Thiazole, 4-(*p*-iodophenyl)-2-methyl-, compound with mercuric chloride;  $IC_6H_4(C_6HNS)CH_3.HgCl_2$ . 1478.
- 460-881-950.  
Benzothiazole, 2-halo-, CU;  $(C_7H_4NS)X$ . 374P.
- 460-881-975.  
Benzothiazole, 2-halo-, aryl derivatives of;  $R(C_7H_3NS)X$ . (Benzothiazoles, 2-halogenoaryl-). (Incorrectly listed as 1-halogenaryl). 374P, 681P, 1178.
- 460-950-951.  
Benzothiazole, 2-phenyl-;  $C_6H_5(C_7H_4NS)$ . (Benzylaminothiophenol).  
MT Japanese beetle, mosquito larvae, screwworms, and 35% T *Bombyx mori* larvae. 156, 172, 487, 559, 1178, 1432.
- 463-782-796-952.  
 $\Delta^2$ -1, 3, 4-Thiadiazoline, 2, 2'-dithiobis [4-phenyl-5-thio-;  $[I-SC:NN(C_6H_5)C(S)S]_2$ . (Disulphide, 4-phenyl-5-thio- $\Delta^2$ -1, 3, 4-thiadiazoline-2-).  
NT culicine mosquito larvae. 172, 1178.
- 463-791-796-951.  
 $\Delta^2$ -1, 3, 4-Thiadiazoline-2-thiol, 4-phenyl-5-thio-;  $C_6H_5(C_6N_2S)(:S)SH$ . ( $\Delta^2$ -1, 3, 4-thiadiazoline-2-mercaptan, 4-phenyl-5-thio-).  
NT culicine mosquito larvae. 172, 1178.
- 477-853-952-1021.  
Benzylamine, *N*-chloro-*N*-(2, 4, 6-trichlorophenyl)-;  $ClC_6H_2N(Cl)ClC_6H_2$ . (2, 4, 6-Trichlorophenyl benzylchloramine).  
HT tent caterpillar at 1%. 119.
- 521-853-1021.  
Methanesulfonyl chloride, trichloro-;  $CCl_3SOCl$ . (Perchloromethyl mercaptan).  
HT *Sitophilus granarius*; MT *Chrysomphalus aurantii* and *Hippodamia convergens*; NT *Sitophilus oryza*, *Tribolium*, and *Plodia* larvae. 268, 1042, 1110, 1178, 1180.
- 521-1001.  
1-Butanesulfonyl chloride;  $C_4H_9SOCl$ . (*n*-Butanesulphonylchloride).  
ST *Sitophilus oryza*. 1180.
- 521-1021.  
Thiophosgene;  $CSCl_2$ .  
Used for treating corn; NT *Hippodamia convergens*. 1110, 1128P, 1432.
- 541-551-581-951-1001-1022.  
Phthalic acid, 3-hydroxy-, butyl acid ester;  $HOOC-C_6H_3(COOH)COOC_4H_9$ . (Phthalic acid, butyl ester, 3-hydroxy-).  
T as mothproofing agent. 870P, 1175.
- 541-551-671-951-1011.  
Phenol, *p*-amino-, oxalate;  $H_2NC_6H_4OOCOOH$ .  
NT codling moths. 915.
- 541-551-691-951-1011-1022.  
Phenol, *p*-dimethylamino-, oxalate;  $(CH_3)_2NC_6H_4OOCOOH?$  (*p*-Dimethylamine phenol oxalate).  
MT *Bombyx mori*. 561.
- 541-551-924-1001-1003-1023.  
4-Cyclohexene-1, 2-dicarboxylic acid, 3, 6-endoethylene-3-isopropyl-6-methyl-, butyl acid ester;  $C_6H_7-(CH_3)_2(C_6H_9)(COOH)COOC_4H_9$ . (Butyl ester of 3-isopropyl 6-methyl 3, 6-endoethylene  $\Delta^4$ -tetrahydrophthalic acid).  
Fly spray. 112, 948P.
- 541-551-924-1003-1011-1023.  
4-Cyclohexene-1, 2-dicarboxylic acid, 3, 6-endoethylene-3-isopropyl-6-methyl-, ethyl acid ester;  $C_6H_7-H_2O_4$ . (Ethyl ester of 3-isopropyl 6-methyl 3, 6-endoethylene  $\Delta^4$ -tetrahydrophthalic acid).  
Fly spray. 112, 948P.
- 541-551-924-1003-1024.  
4-Cyclohexene-1, 2-dicarboxylic acid, 3, 6-endoethylene-3-isopropyl-6-methyl-, methyl acid ester;  $C_6H_7-H_2O_4$ . (Methyl ester of 3-isopropyl 6-methyl 3, 6-endoethylene  $\Delta^4$ -tetrahydrophthalic acid).  
Fly spray. 112, 948P.

- 541-551-924-1004-1023.  
4-Cylohexene-1, 2-dicarboxylic acid, 3, 6-endoethyl-ene-3-isopropyl-6-methyl-, propyl acid ester;  $C_{17}H_{32}O_4$ . (Propyl ester of 3-isopropyl-6-methyl 3, 6-endoethylene delta<sup>4</sup>-tetrahydrophthalic acid).  
Fly spray. 112, 948P.
- 541-551-924-1011-1021.  
2-Naphthoic acid, acetoxy-, CU;  $CH_3COOC_6H_4COOH$ . (This compound was given as 2-acetoxy-2-naphthoic acid, which is chemically impossible).  
T screwworm larvae at 0.67%. 944.
- 541-551-951-1001-1022.  
Phthalic acid, butyl acid ester;  $HOOCCH_2CH_2COOC_4H_9$ . (n-Butyl phthalic acid).  
NT *Bombyx mori*. 559.
- 541-551-951-1011-1021.  
Acetylsalicylic acid;  $CH_3COOC_6H_4COOH$ . (Acetosal; acetosalin; acetosalic acid, acetosalicylic acid; acety sal; acetodin; anglopyrin; aspirin; coxpyrin; helicon; salacetin; xasa).  
T screwworms and Japanese beetles; NT *Tineola biselliella* and *Attagenus piceus*. 156, 739, 1005, 1176.
- 541-551-951-1023.  
Phthalic acid, methyl acid ester;  $C_6H_4(COOH)(COOCH_3)$ .  
T as mothproofing agent. 407P, 868P, 1175.
- 541-551-584-1027-1110.  
Alginate acid, antimony salt;  $[OHCC(CHOH)_nCOO]^-Sb$ . (Antimony alginate).  
T as mothproofing agent. 1036P, 1037P, 1176.
- 541-551-1045.  
Acids, aldehydic, CU. (Aldehyde carboxylic acids).  
T as mothproofing agent. 410P, 1175.
- 541-571-581-593-625-950-951-1003-1012-1022-1030.  
Derris acid;  $HOOCCH_2(CH_2O)_2C_6H_4CH_2CO(C_6H_5O)(OH)C_6H_5$ . Associated with rotenone. 618.
- 541-571-552-593-620-950-951-1012-1024.  
Toxicaric acid;  $HOOCCH_2O(CH_2O)_2C_6H_4CH_2CO(C_6H_5O)(OH)(CH_3)_2$ . Associated with rotenone. 618.
- 541-571-591-953-1023-1142.  
Benzoic acid, 2-(2'-benzyl-5'-methylbenzoyl)- cupric salt;  $[C_6H_5CH_2C_6H_4(CH_3)COO]_2Cu$ .  
Fly spray. 96P, 112, 688P, 690P, 693P, 694P, 696P.
- 541-571-592-610-740-950-983-1011-1030.  
Oleic acid, brucine salts. (Brucine oleate).  
T as mothproofing agent. 1164P, 1165P, 1175, 1179.
- 541-571-592-620-625-852-950-1003-1011-1022-1030.  
Rotenone, dichloroacetic acid compound;  $C_{23}H_{32}O_6 \cdot C_2H_2Cl_2$ . 760P.
- 541-571-593-620-950-951-1012-1024.  
Dequelic acid;  $HOOCCH_2O(CH_2O)_2C_6H_4CH_2CO(C_6H_5O)(CH_3)_2$ . Associated with rotenone. 618.
- 541-571-952-1022.  
Benzoic acid, o-benzoyl-;  $HOOCCH_2COC_6H_5$ . (o-Benzoylbenzoic acid).  
NT mosquitoes. 172.
- 541-571-999.  
Levulinic acid;  $CH_3COCH_2CH_2COOH$ . (4-Oxopentanoic acid; acetopropionic acid;  $\gamma$ -ketovaleic acid).  
MT codling moths. 1285.
- 541-581-591-700-952-1023.  
Benzoic acid, p-(3-methoxy-4-hydroxybenzylidene) amino-;  $HOOCCH_2H_2N \cdot CHC_6H_4(OH)OCH_3$ . (3-Methoxy-4-hydroxybenzyl-p-aminobenzoic acid).  
NT corn borer. 1120.
- 541-581-591-720-730-950-983-1011-1022-1033.  
Oleic acid, quinine salt;  $C_{18}H_{34}O_2 \cdot N_3H_5O_3$ . (Quinine oleate).  
T as mothproofing agent (739); NT as mothproofing agent (985). 739, 985, 1176.
- 541-581-591-720-730-950-983-1011-1022-1033.  
Oleic acid, quinidine salt;  $C_{18}H_{34}O_2 \cdot HOCCN_1H_{21}$ . (Quinidine oleate).  
NT *Tineola biselliella* and *Attagenus piceus*. 739.
- 541-581-592-620-950-1023.  
Hydroxynetric acid;  $(CH_3O)_2(C_6H_5O)(OH)COOH$ . Associated with rotenone. 618.
- 541-581-671-951-1003.  
L-Tyrosine;  $HOC_6H_4CH_2CH(NH_2)COOH$ .  
NT codling moths. 915.
- 541-581-671-951-1021-1291.  
Salicylic acid, 5-amino-, hydrochloride;  $HOC_6H_4COOH \cdot NH_4Cl$ .  
NT European corn borer. 1122.
- 541-581-720-730-950-983-1011-1021-1033.  
Oleic acid, cinchonine salt;  $C_{18}H_{34}O_2 \cdot HOCCN_1H_{21}$ . (Cinchonine oleate).  
T as mothproofing agent. 739, 1176.
- 541-581-720-730-950-983-1011-1021-1033.  
Oleic acid, cinchonidine salt;  $C_{18}H_{34}O_2 \cdot HOCCN_1H_{21}$ . (Cinchonidine oleate).  
T as mothproofing agent; non-repellent to clothes moths. 739, 1176.
- 541-581-730-740-951-1022.  
Salicylic acid, nicotine salt;  $(C_{10}H_{14}N_2)HOCCN_1H_2OH$ ? (Nicotine salicylate).  
NT tobacco worm moths. 553.
- 541-581-730-740-1003-1021.  
Lactic acid, nicotine salt;  $CH_3CH(OH)COOH \cdot C_{10}H_{14}N_2$ . (Nicotine lactate).  
T *Rhopalosiphum ribis*. 1267A.
- 541-581-730-950-951-1021.  
Salicylic acid, quinoline ester;  $(C_8H_7N)OCCN_1H_2OH$ ? (Quinoline salicylate).  
MT *Bombyx mori*; NT *Tineola biselliella* and *Attagenus piceus*. 561, 739, 1176.
- 541-581-740-950-1021.  
2-Indolecarboxylic acid;  $HO(C_6H_5N)COOH$ . (Indoxylic acid). 357P.
- 541-581-751-881-951?  
Acids, halohydroxyphenyl-, CU;  $X(OH)(COOH)XC_6H_3(1,2,3,5)$ .  
T clothes moths. 875P.
- 541-581-791-975.  
Acids, carboxylic-ortho-hydroxy or derivatives. (Ortho-hydroxy-carboxylic acid or derivatives in which the para position to the hydroxyl group is occupied by sulphur).  
T as mothproofing agent. 459P, 1176.
- 541-581-800-851-951-1021.  
Salicylic acid, 5-chloro-, sulphurized. (Sulphurized 1-oxy-4-chloro-2-benzoic acid).  
T as mothproofing agent. 459P, 465P, 466P, 875P, 876P, 1176, 1179, 1324P.
- 541-581-800-924-1021.  
1-Naphthoic acid, 2-hydroxy-, sulphurized. (Sulphurized 2-oxy-naphthoic acid).  
T as mothproofing agent. 459P, 465P, 466P, 876P, 1176.
- 541-581-800-924-1021.  
3-Naphthoic acid, 2-hydroxy-, sulphurized. (Sulphurized 2-hydroxy-3-naphthoic acid).  
T clothes moths. 875P, 1179.
- 541-581-800-951-1021.  
Salicylic acid, sulphurized. (Sulphurized 1-oxy-2-benzoic acid).  
T as mothproofing agent. 459P, 465P, 466P, 875P, 1176.
- 541-581-800-951-1022.  
Salicylic acid, 3-methyl-, sulphurized. (Sulphurized 1-hydroxy-6-methyl-2-benzoic acid).  
T as mothproofing agent. 875P, 1176, 1179, 1324P.
- 541-581-800-951-1022.  
Salicylic acid, 5-methyl-, sulphurized. (Sulphurized 1-oxy-4-methyl-2-benzoic acid; sulfurized 2, 5-cresotic acid).  
T as mothproofing agent. 459P, 465P, 466P, 875P, 1176, 1179.
- 541-581-800-1045.  
Carboxylic acids, hydroxy-, sulphurized, CU. (Sulphurized oxy carbonic acids).  
T as mothproofing agent. 875P, 1179.
- 541-581-841-951-1022.  
Salicylic acid, 5-bromo-3-methyl;  $HOC_6H_3(Br)(CH_3)COOH$ . (1-Oxy-6-methyl-4-bromo-2-benzoic acid).  
T as mothproofing agent. 459P, 465P, 466P, 875P, 876P, 1176, 1179, 1324P.
- 541-581-851-924-1021.  
2-Naphthoic acid, 4-chloro-3-hydroxy-;  $HO(CI)C_{10}H_7COOH$ . (1-Chloro-2-hydroxy-3-naphthoic acid).  
T as mothproofing agent. 459P, 465P, 466P, 875P, 1176, 1179.
- 541-581-851-951-1021.  
Salicylic acid, 5-chloro-;  $HOC_6H_3(Cl)COOH$ . (1-Oxy-4-chloro-2-benzoic acid).  
T as mothproofing agent. 459P, 465P, 466P, 875P, 1176, 1179, 1324P.

- 541-581-851-951-1022.  
2, 3-Cresotic acid, 5-chloro-;  $\text{HO}(\text{C}_6\text{H}_4(\text{Cl})(\text{CH}_3)-\text{COOH})_2$  (Salicylic acid, 5-chloro-3-methyl-; 1-oxy-6-methyl-4-chloro-2-benzoic acid).  
T as mothproofing agent. 459P, 465P, 466P, 875P, 1176, 1179, 1324P.
- 541-581-851-951-1022.  
2, 5-Cresotic acid, 3-chloro-;  $\text{CH}_3\text{C}_6\text{H}_3(\text{Cl})(\text{OH})-\text{COOH}$ . (Cresotic acid, chloro-, chlorocresotinic acid).  
T as mothproofing agent. 397P, 432P, 467P, 643P, 1176, 1179.
- 541-581-852-951-1021.  
Salicylic acid, 3, 5-dichloro-;  $\text{HO}(\text{Cl}_2\text{C}_6\text{H}_3\text{COOH})_2$  (1-Hydroxy-4, 6-dichloro-2-benzoic acid).  
T as mothproofing agent. 459P, 465P, 466P, 875P, 876P, 1176, 1179.
- 541-581-852-951-1021.  
Salicylic acid, dichloro-, CU;  $\text{HO}(\text{Cl}_2\text{C}_6\text{H}_3\text{COOH})_2$ .  
T as mothproofing agent. 423P, 445P, 456P, 1175, 1179.
- 541-581-853-951-1011-1021-1244.  
p-Cresol, 2, 3, 6-trichloro-, zinc acetate compound;  $\text{Zn}(\text{OOCCH}_3)_2 \cdot \text{HO}(\text{C}_6\text{H}_3(\text{Cl})_3\text{CH}_3)_2$  (Zinc acetate of 2, 3, 5-trichloro-4-hydroxy-1-methylbenzene). 382P.
- 541-581-872-983-1215-1389.  
Stearic acid, 9, 10-diodo-7-hydroxy-, sulfate, sodium salt. 1494.
- 541-581-881-951-1021.  
Salicylic acids, o-hydroxy-, halogenated. (Phenol-o-carboxylic acids, halogenated).  
T as mothproofing agent. 871P, 1179.
- 541-581-881-975.  
Salicylic acid, 5-halo-, and derivatives. (Orthohydroxy-carboxylic acid or derivatives in which the para position to the hydroxyl group is occupied by halogen).  
T as mothproofing agent. 459P, 1176.
- 541-581-924.  
1-Naphthoic acid, 2-hydroxy-;  $\text{HO}(\text{C}_{10}\text{H}_7\text{COOH})_2$  (2-Oxynaphthoic acid).  
T as mothproofing agent. 459P, 1176.
- 541-581-924-1021.  
2-Naphthoic acid, 3-hydroxy;  $\text{HO}(\text{C}_{10}\text{H}_6\text{COOH})_2$ .  
NT *Bombyx mori*. 559.
- 541-581-951-1011-1177.  
Phenol, acetoxymercuri-, CU;  $\text{HO}(\text{C}_6\text{H}_4\text{HgOOCCH}_3)_2$  (Mercury phenol acetate). 379P.
- 541-581-951-1021.  
Salicylic acid;  $\text{HO}(\text{C}_6\text{H}_4\text{COOH})_2$  (o-Hydroxybenzoic acid).  
T as mothproofing agent. 459P, 465P, 875P, 1176, 1179.
- 541-581-951-1021-1124.  
Salicylic acid, cadmium salt;  $\text{Cd}(\text{C}_7\text{H}_5\text{O}_2)_2 \cdot \text{H}_2\text{O}$ . (Cadmium salicylate).  
NT *Bombyx mori*. 561.
- 541-581-951-1021-1166.  
Salicylic acid, lead salt;  $(\text{HO}(\text{C}_6\text{H}_4\text{COO}))_2\text{Pb}$ . (Lead salicylate).  
NT codling moths. 915.
- 541-581-951-1021-1196.  
Salicylic acid, potassium salt;  $\text{HO}(\text{C}_6\text{H}_4\text{COOK})_2$  (Potassium salicylate).  
ST *Pieris rapae*. 635.
- 541-581-951-1021-1218.  
Salicylic acid, sodium salt;  $\text{HO}(\text{C}_6\text{H}_4\text{COONa})_2$  (Sodium salicylate).  
T *Aphis rumicis*. 1152.
- 541-581-951-1021-1220.  
Salicylic acid, strontium salt;  $(\text{HO}(\text{C}_6\text{H}_4\text{COO}))_2\text{Sr}$ . (Strontium salicylate).  
T as mothproofing agent. 422P, 430P, 869P, 1175.
- 541-581-951-1021-1244.  
Salicylic acid, zinc salt;  $(\text{HO}(\text{C}_6\text{H}_4\text{COO}))_2\text{Zn}$ . (Zinc salicylate).  
ST codling moths. 915.
- 541-581-951-1022.  
3, 4-Cresotic acid;  $\text{CH}_3\text{C}_6\text{H}_3(\text{OH})\text{COOH}$ . (1-Hydroxy, 2-methyl, 4-benzoic acid; p-cresotic acid; p-cresotinic acid; p-homosalicylic acid; 4-hydroxytoluene-3-carboxylic acid; kresotic acid; 5-methylhomosalicylic acid; 1-methylphenol(4)-carboxylic acid; hydroxymethylbenzoic acid).  
T as mothproofing agent. 329P, 331P, 1176.
- 541-581-951-1022.  
Salicylic acid, 5-methyl-;  $\text{CH}_3\text{C}_6\text{H}_3(\text{OH})\text{COOH}$ . (1-Oxy-4-methyl-2-benzoic acid).  
T as mothproofing agent. 459P, 465P, 1176.
- 541-581-951-1022.  
Benzoic acids, hydroxy, methyl-, CU;  $\text{HO}(\text{C}_6\text{H}_3(\text{CH}_3)-\text{COOH})_2$  (Methyl hydroxy benzoic acids).  
T as mothproofing agent. 1175, 1363P.
- 541-581-951-1023.  
Salicylic acid, 3, 5-dimethyl-;  $(\text{CH}_3)_2\text{C}_6\text{H}_3(\text{OH})-\text{COOH}$ . (1-Oxy-4,6-dimethyl-2-benzoic acid).  
T as mothproofing agent. 459P, 465P, 466P, 876P, 1176.
- 541-581-952-1011.  
Benzoic acid;  $(\text{C}_6\text{H}_5)_2\text{C}(\text{OH})\text{COOH}$ . (Diphenylglycolic acid; diphenylmethanodimethyl acid).  
T as mothproofing agent; ST screwworms. 156, 329P, 332P, 1176.
- 541-581-954-1021-1193.  
Phosphonium salicylate, benzyltriphenyl-;  $(\text{C}_6\text{H}_5-\text{CH}_2)(\text{C}_6\text{H}_5)_3\text{POCC}_6\text{H}_4\text{OH}$ .  
T as mothproofing agent. 871P, 1179.
- 541-581-975.  
Acids, carboxylic, hydroxyaromatic.  
T as mothproofing agent. 456P, 1179.
- 541-581-980-1130.  
Cocceric acid, cerium salt;  $[\text{Ce}(\text{H}_5\text{O}_2)(\text{OH})\text{COO}]_3\text{Ce}$ .  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 541-581-980-1164.  
Cocceric acid, lanthanum salt;  $[\text{La}(\text{H}_5\text{O}_2)(\text{OH})\text{COO}]_3\text{La}$ .  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 541-581-980-1180-1193.  
Cocceric acid, didymium salt. (Didymium is a mixture of neodymium and praseodymium).  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 541-581-980-1228.  
Cocceric acid, thallium salt;  $\text{C}_6\text{H}_5\text{O}_2(\text{OH})\text{COOTl}$ .  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 541-581-980-1230.  
Cocceric acid, thorium salt;  $[\text{Ce}(\text{H}_5\text{O}_2)(\text{OH})\text{COO}]_3\text{Th}$ .  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 541-581-980-1236.  
Cocceric acid, titanium salt;  $[\text{Ce}(\text{H}_5\text{O}_2)(\text{OH})\text{COO}]_3\text{Ti}$ .  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 541-581-980-1240.  
Cocceric acid, uranium salt;  $[\text{Ce}(\text{H}_5\text{O}_2)(\text{OH})\text{COO}]_3\text{U}$ .  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 541-581-980-1245.  
Cocceric acid, zirconium salt;  $[\text{Ce}(\text{H}_5\text{O}_2)(\text{OH})\text{COO}]_3\text{Zr}$ .  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 541-581-983-1030-1130.  
Ricinoleic acid, cerium salt;  $[\text{C}_{17}\text{H}_{33}(\text{OH})\text{COO}]_3\text{Ce}$ .  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 541-581-983-1030-1164.  
Ricinoleic acid, lanthanum salt;  $[\text{C}_{17}\text{H}_{33}(\text{OH})\text{COO}]_3\text{La}$ .  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 541-581-983-1030-1198.  
Ricinoleic acid, didymium salt. (Didymium is a mixture of neodymium and praseodymium).  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 541-581-983-1030-1228.  
Ricinoleic acid, thallium salt;  $[\text{C}_{17}\text{H}_{33}(\text{OH})\text{COO}]_3\text{Th}$ .  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 541-581-983-1030-1230.  
Ricinoleic acid, thorium salt;  $[\text{C}_{17}\text{H}_{33}(\text{OH})\text{COO}]_3\text{Th}$ .  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 541-581-983-1030-1236.  
Ricinoleic acid, titanium salt;  $[\text{C}_{17}\text{H}_{33}(\text{OH})\text{COO}]_3\text{Ti}$ .  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 541-581-983-1030-1240.  
Ricinoleic acid, uranium salt;  $[\text{C}_{17}\text{H}_{33}(\text{OH})\text{COO}]_3\text{U}$ .

- T as mothproofing agent. 780P, 781P, 782P, 1176.  
541-581-983-1030-1245.  
Ricinoleic acid, zirconium salt;  $[C_{17}H_{32}(OH)COO]_4Zr$ .  
T as mothproofing agent. 780P, 781P, 782P, 1176.  
541-581-1003.  
Lactic acid,  $CH_3CHOHCOOH$ .  
ST *Lucilia cuprina*; NT *Orthopodomyia signifer*. 849, 895.  
541-581-1003-1110.  
Lactic acid, antimony salt (exact constitution questionable). (Antimonyl lactate). 987P.  
541-581-1003-1311.  
Lactic acid, fluoboro-;  $(BF_4)CH_3CH(OH)COOH$ .  
T as mothproofing agent. 634P, 1175, 1400P.  
541-581-1011-1311.  
Glycolic acid, fluoboro-;  $(BF_4)(HOCH_2COOH)$ .  
T as mothproofing agent. 1175, 1400P.  
541-582-665-953-1021.  
Salicylic acid, 5-p-(4-hydroxyphenyl)-phenylazo-;  $HOC_6H_4N=N(C_6H_4C_6H_3(OH)COOH)$ . (5-[p-(p-Hydroxyphenyl)-phenylazo]-salicylic acid).  
NT mosquitoes. 457.  
541-582-720-730-950-951-1011-1022-1030.  
Salicylic acid, cinchonine ester;  $C_{19}H_{23}N_2O_6C_7H_5O_3$ .  
HT screwworms; ST silkworms. 156, 561.  
541-582-951-1021.  
 $\alpha$ -Resorcylic acid;  $(HO)_2C_6H_3COOH$ . ( $\alpha$ -Resorcylic acid is 3, 5-dihydroxybenzoic acid and  $\beta$ -resorcylic acid is 2, 4-dihydroxybenzoic acid).  
T as mothproofing agent. 462P, 1175, 1176, 1383P.  
541-582-951-1021.  
 $\beta$ -Resorcylic acid;  $(HO)_2C_6H_3COOH$ . (Benzoic acid, 2, 4-dihydroxy-).  
T as mothproofing agent. 462P, 471P, 1176.  
541-582-983-1130.  
Stearic acid, dihydroxy-, cerium salts;  $[C_{17}H_{33}(OH)_2COO]_2Ce$ .  
T as mothproofing agent. 780P, 781P, 782P, 1176.  
541-582-983-1164.  
Stearic acid, dihydroxy-, lanthanum salts;  $[C_{17}H_{33}(OH)_2COO]_3La$ .  
T as mothproofing agent. 780P, 781P, 782P, 1176.  
541-582-983-1180-1195.  
Stearic acid, dihydroxy-, didymium salts. (Didymium is a mixture of neodymium and praseodymium).  
T as mothproofing agent. 780P, 781P, 782P, 1176.  
541-582-983-1228.  
Stearic acid, dihydroxy-, thallium salts;  $[C_{17}H_{33}(OH)_2COO]_4Th$ .  
T as mothproofing agent. 780P, 781P, 782P, 1176.  
541-582-983-1230.  
Stearic acid, dihydroxy-, thorium salts;  $[C_{17}H_{33}(OH)_2COO]_4Th$ .  
T as mothproofing agent. 780P, 781P, 782P, 1176.  
541-582-983-1236.  
Stearic acid, dihydroxy-, titanium salts;  $[C_{17}H_{33}(OH)_2COO]_4Ti$ .  
T as mothproofing agent. 780P, 781P, 782P, 1176.  
541-582-983-1240.  
Stearic acid, dihydroxy-, uranium salts;  $[C_{17}H_{33}(OH)_2COO]_4U$ .  
T as mothproofing agent. 780P, 781P, 782P, 1176.  
541-582-983-1245.  
Stearic acid, dihydroxy-, zirconium salts;  $[C_{17}H_{33}(OH)_2COO]_4Zr$ .  
T as mothproofing agent. 780P, 781P, 782P, 1176.  
541-583-951-1021.  
Gallic acid;  $(HO)_3C_6H_2COOH$ . (3, 4, 5-Trihydroxybenzoic acid).  
T screwworms at 0.33-0.67%; NT *Orthopodomyia signifer*. 156, 895.  
541-591-851-951-1021.  
Benzoic acid, 2-chloro-4-methoxy-;  $(CH_3O)ClC_6H_3COOH$ . 359P.  
541-591-924-1022.  
1-Naphthoic acid, 2-methoxy-;  $CH_3OC_{10}H_7COOH$ . 359P.  
541-591-951-1011.  
Acetic acid, phenoxy-;  $C_6H_5OCH_2COOH$ . (Glycolic acid phenyl ether; phenoxycetic acid).  
ST screwworms at 0.67%. 156.  
541-591-951-1022.  
Benzoic acid o-methoxy-;  $CH_3OC_6H_4COOH$ . (Salicylic acid methyl ether).  
NT *Bombyx mori*. 561.  
541-591-951-1022.  
Anisic acid;  $CH_3OC_6H_4COOH$ . (p-Methoxybenzoic acid).  
ST screwworms at 0.67%. 156.  
541-591-952-1011-1021-1177.  
Acetic acid, benzoylphenylmercuric salt;  $CaH_5CH_2OC_6H_5Hg(OCCH_3)$ . (Acetic acid, phenylmethoxyphenylmercuric salt).  
Fly spray. 112, 685P, 690P, 691P, 692P, 693P, 694P, 695P, 696P.  
541-591-952-1022-1142.  
Benzoic acid, o-benzyloxy-, copper salt;  $(C_6H_5CH_2OC_6H_4COO)_2Cu$ . (Benzoic acid, o-phenylmethoxy-, copper salt).  
Fly spray. 96P, 112, 685P, 690P, 693P, 694P, 696P.  
541-591-952-1022-1244.  
Benzoic acid, o-benzyloxy-, zinc salt;  $(C_6H_5CH_2OC_6H_4COO)_2Zn$ . (Benzoic acid, o-phenylmethoxy-, zinc salt).  
Fly spray. 96P, 112, 685P, 690P, 693P, 694P, 696P.  
541-592-620-950-1023.  
Netoric acid;  $C_{12}H_{14}O_8$ .  
Associated with rotenone. 618.  
541-592-620-950-1023.  
Dehydronetic acid;  $C_{12}H_{12}O_8$ .  
Associated with rotenone. 618.  
541-593-951-1024.  
Benzoic acid, 3, 4, 5-trimethoxy-;  $(CH_3O)_3C_6H_2COOH$ . (Trimethyl gallic acid; gallic acid trimethyl ether).  
ST screwworms at 0.67%; NT silkworms. 156, 561.  
541-625-950-1030.  
2-Benzofurancarboxylic acid;  $(C_8H_6O)COOH$ . (Coumarilic acid; coumarone carboxylic acid).  
NT European corn borer. 357P, 1122.  
541-625-1021.  
2-Furancarboxylic acid;  $(C_4H_3O)COOH$ . (Furoic acid, pyromucic acid).  
NT *Bombyx mori*. 357P, 559.  
541-626-700-950-951-1022.  
Benzoic acid, p-amino-, N-(3, 4-methylenedioxybenzylidene)-;  $HOOCC_6H_4N:CH(C_6H_3O_2)$ . (3, 4-Methyleneoxybenzal-p-amino benzoic acid).  
HT corn borer. 1120.  
541-626-950-1003-1030.  
Cinnamic acid, 3, 4-methylenedioxy-;  $(CH_2O)_2C_8H_7CH:CHCOOH$ .  
NT European corn borer. 1122.  
541-657-951-1021.  
Benzoic acid, p-phenylhydrazino;  $C_6H_5(NH)_2CoH_4COOH$ .  
ST *Bombyx mori*. 559.  
541-659-952-1011-1022.  
Benzoic acid, N-ethylbenzylidenehydrazono;  $CaH_5CH:NN(C_2H_5)C_6H_4COOH$ . (Benzylidenephenylethylhydrazono carboxylic acid).  
T as mothproofing agent. 873P, 1176.  
541-659-952-1023.  
Phthalic acid, N-methylphenylhydrazono;  $(COOH)_2C_6H_4CH:NN(CH_3)(C_6H_5)$ . (Phthalic acid phenylmethyl hydrazono).  
T as mothproofing agent. 873P, 1176.  
541-665-691-952-1023.  
Benzoic acid, o-(4-dimethylamino-phenylazo)-;  $(CH_3)_2NC_6H_4N:NC_6H_4COOH$ . (o-(p-Dimethylamino-phenylazo)-benzoic acid).  
NT mosquitoes. 487.  
541-665-952-1022.  
Benzoic acid, p,p'-azodi-;  $(:NC_6H_4COOH)_2$ . (p,p'-Azobis-(Benzoic acid)-).  
MT corn borer. 156, 1120.  
541-668-952-983-1025.  
Guanidine, xylol-, oleate;  $[(CH_3)_2C_6H_3NH:]_2C:(NH)C_{17}H_{33}COOH$ .  
T as mothproofing agent. 192P, 1179.  
541-668-975-1021-1027.  
Guanidines, di-aryl substituted, fatty acid salts;  $RNHC(=NH)NHR'HOOCR''$ .  
T as mothproofing agent. 192P, 1179.  
541-668-1011-1022.  
Creatine;  $H_2NC(=NH)(CH_2)_2CH_2COOH$ . (Methyl guanidino-acetic acid).  
NT Colorado potato beetle, Mexican bean beetle, and as mothproofing agent. 606, 739, 1176.

- 541-671-781-851-951-1011.  
Benzonethiol, 2-amino-, 4-chloro-;  $\text{ClC}_6\text{H}_4(\text{NH}_2)\text{-SCH}_2\text{COOH}$ . [ $\{2\text{-Amino-4-chlorophenylmercapto}\}$  acetic acid].  
HT mosquito larvae. 487.
- 541-671-872-951-1021.  
Anthranilic acid, 3, 5-diiodo-;  $\text{HOOCCH}_2(\text{NH}_2)\text{I}_2$ . (Benzoic acid, amino-3, 5-diiodo-).  
No promise as a taeniocide. 110, 653.
- 541-671-951-1003.  
dl-Phenylalanine;  $\text{C}_6\text{H}_5\text{CH}_2\text{CH}(\text{NH}_2)\text{COOH}$ .  
ST codling moths. 915.
- 541-671-951-1011.  
Aniline acetate;  $\text{C}_6\text{H}_5\text{NH}_2\text{HOOCCH}_3$ .  
ST *Tenebrio molitor*. 841.
- 541-671-951-1021.  
Anthranilic acid;  $\text{NH}_2\text{C}_6\text{H}_4\text{COOH}$ . (o-Amino benzoic acid).  
T codling moths and screwworms; ST oriental peach moths. 156, 915, 1291.
- 541-671-951-1021.  
Benzoic acid, p-amino-;  $\text{H}_2\text{NC}_6\text{H}_4\text{COOH}$ . (p-Amino-benzoic acid).  
NT codling moths. 915.
- 541-671-997.  
Leucine;  $(\text{CH}_3)_2\text{CHCH}_2\text{CH}(\text{NH}_2)\text{COOH}$ .  
ST oriental peach moths. 1094.
- 541-671-997.  
Norleucine;  $\text{CH}_3(\text{CH}_2)_3\text{CH}(\text{NH}_2)\text{COOH}$ . ( $\alpha$ -Amino caproic acid).  
NT *Bombyx mori*. 561.
- 541-671-1003.  
dl-Alanine;  $\text{CH}_3\text{CH}(\text{NH}_2)\text{COOH}$ .  
NT codling moths. 915.
- 541-681-851-952-1021.  
Anthranilic acid, N-(m-chlorophenyl)-;  $\text{HOOCCH}_2\text{H}_4\text{-NHCH}_2\text{Ar}$ . ( $\text{N-(m-chlorophenyl)-anthranilic acid}$ ).  
MT mosquito larvae. 487.
- 541-681-851-952-1021.  
Anthranilic acid, N-(o-chlorophenyl)-;  $\text{HOOCCH}_2\text{H}_4\text{-NHCH}_2\text{Ar}$ . ( $\text{N-(o-chlorophenyl)-anthranilic acid}$ ).  
MT Mosquito larvae. 487.
- 541-681-951-1011.  
Glycine, N-phenyl-;  $\text{C}_6\text{H}_5\text{NHCH}_2\text{COOH}$ . (Anilino-acetic acid;  $\alpha$ -toluic acid,  $\alpha$ -amino-).  
NT screwworms. 156.
- 541-681-951-1022.  
Anthranilic acid, N-methyl-;  $\text{CH}_3\text{NHC}_6\text{H}_4\text{COOH}$ . (Methylantranilic acid).  
NT *Culex quinquefasciatus*. 157.
- 541-681-952-1021.  
Anthranilic acid, N-phenyl-;  $\text{C}_6\text{H}_5\text{NHC}_6\text{H}_4\text{COOH}$ . (o-Anilino-benzoic acid; phenylaminobenzoic acid).  
ST *Culex quinquefasciatus*; NT screwworms. 156, 157.
- 541-681-952-1022.  
Anthranilic acid, N-(m-tolyl)-;  $\text{HOOCCH}_2\text{H}_4\text{NHC}_6\text{H}_3\text{CH}_3$ .  
MT mosquito larvae. 487.
- 541-681-952-1022.  
Anthranilic acid, N-(o-tolyl)-;  $\text{HOOCCH}_2\text{H}_4\text{NHC}_6\text{H}_3\text{CH}_3$ .  
MT mosquito larvae. 487.
- 541-681-952-1022.  
Anthranilic acid, N-(p-tolyl)-;  $\text{HOOCCH}_2\text{H}_4\text{NHC}_6\text{H}_3\text{CH}_3$ .  
MT mosquito larvae. 487.
- 541-699-1011-1023-1291.  
Betaine hydrochloride;  $\text{Cl}(\text{CH}_3)_3\text{NCH}_2\text{COOH}$ . (Hydrochloride of trimethyl glycine; oxynurine; lycin).  
T *Aphis rumicis* and attractant for oriental peach moth; NT *Tineola biselliella* and *Attugenus piceus*. 739, 1094, 1152, 1176.
- 541-696-1011-1023-1450.  
Betaine salts, CU.  
T as mothproofing agent. 823P, 1176.
- 541-701-1003-1109.  
Acetic acid, cyano-, ammonium salt;  $(\text{CN})\text{CH}_2\text{-COONH}_4$ .  
T *Aphis rumicis*. 1152.
- 541-730-740-853-1011-1021.  
Acetic acid, trichloro-, nicotine salt;  $\text{Cl}_3\text{CCOOH}$ . ( $\text{C}_{10}\text{H}_{14}\text{N}_2$ ). (Nicotine trichloroacetate).  
T *Rhopalaiphum ribis*. 1267A.
- 541-730-740-983-1021.  
Stearic acid, nicotine salt;  $\text{C}_{17}\text{H}_{33}\text{COOH}$ . ( $\text{C}_{10}\text{H}_{14}\text{N}_2$ ).  
MT *Aphis rumicis* at 0.1%. 628.
- 541-730-740-983-1021-1030.  
Oleic acid, nicotine salt;  $\text{C}_{17}\text{H}_{33}\text{COOH}$ . ( $\text{C}_{10}\text{H}_{14}\text{N}_2$ ).  
HT *Aphis rumicis*; T greenhouse insects. 628, 1007A.
- 541-730-740-983-1021-1033.  
Linoleic acid, nicotine salt;  $\text{C}_{17}\text{H}_{31}\text{COOH}$ . ( $\text{C}_{10}\text{H}_{14}\text{N}_2$ ). (Nicotine linoleate).  
HT *Aphis rumicis* at 0.1%. 628.
- 541-730-740-989-1021.  
Lauric acid, nicotine salt;  $\text{C}_{11}\text{H}_{23}\text{COOH}$ . ( $\text{C}_{10}\text{H}_{14}\text{N}_2$ ). (Nicotine laurate).  
HT *Aphis rumicis* at 0.1%. 628.
- 541-730-740-1011-1021.  
Nicotine acetate;  $(\text{C}_{10}\text{H}_{14}\text{N}_2)\text{HOOCCH}_3$ .  
T *Rhopalaiphum ribis*. 1267A.
- 541-730-950-951-1021.  
Cinchophen;  $\text{C}_6\text{H}_5(\text{C}_6\text{H}_4\text{N})\text{COOH}$ . (2-Phenylquinoline-4-carboxylic acid; atophan).  
T screwworms at 0.17-0.33%. 156.
- 541-730-950-968-1021.  
Quinidine, 2, 3-dihydro-12-carboxylic acid;  $(\text{C}_{20}\text{H}_{25}\text{-N}_2\text{O}_2)\text{COOH}$ .  
T screwworms at 0.67%; ST corn borer. 944, 1120.
- 541-730-950-1021.  
Acridine, carboxylic derivatives.  
T as mothproofing agent. 331P, 1176.
- 541-730-983-1030.  
Oleic acid, pyridine salt;  $\text{C}_{17}\text{H}_{33}\text{N.COOHC}_{17}\text{H}_{33}$ . (Pyridine oleate).  
T *Polychrosis botrana*. 1020.
- 541-730-1021.  
Nicotinic acid;  $(\text{C}_5\text{H}_4\text{N})\text{COOH}$ .  
NT *Pieris rapae*. 635.
- 541-730-1021.  
Piperidine, carboxylic acid;  $(\text{NC}_5\text{H}_{10})\text{COOH}$ . 357P.
- 541-730-1021-1291.  
Nicotinic acid, hydrochloride;  $\text{HOOCCH}_2\text{H}_4\text{N.HCl}$ .  
NT codling moth. 915.
- 541-730-1021-1341.  
Nicotinic acid, nitrate;  $\text{HOOCCH}_2\text{H}_4\text{N.HNO}_3$ .  
T *Aphis rumicis*. 1152.
- 541-730-1022.  
Piperidine carboxylic acid, methyl-;  $(\text{NC}_5\text{H}_9\text{CH}_3)\text{-COOH}$ . 357P.
- 541-730-1027.  
Fatty acids from linseed oil, piperidine salts, CU.  
(Piperidides of linseed oil acids).  
Fly spray. 112, 1224P.
- 541-732-1021.  
Pyrazine carboxylic acid;  $(\text{C}_4\text{H}_3\text{N}_2)\text{COOH}$ ? 357P.
- 541-740-950-1001.  
3-Indolebutyric acid;  $(\text{C}_8\text{H}_8\text{N})\text{C}_3\text{H}_5\text{COOH}$ . (Indolebutyric acid).  
NT *Culex quinquefasciatus*. 157.
- 541-740-950-1011.  
3-Indoleacetic acid;  $(\text{C}_8\text{H}_8\text{N})\text{CH}_2\text{COOH}$ . (Indoleacetic acid).  
NT *Culex quinquefasciatus*. 30P, 157.
- 541-740-1021.  
2-Pyrrolidinecarboxylic acid;  $(\text{C}_4\text{H}_8\text{N})\text{COOH}$ . (Carboxylic acid of pyrrolidine). 357P.
- 541-740-1021.  
2-Pyrrole carboxylic acid;  $(\text{C}_4\text{H}_4\text{N})\text{COOH}$ . (Carboxylic acid of pyrrole). 357P.
- 541-742-1003-1291.  
Histidine, hydrochloride;  $\text{C}_6\text{H}_7\text{N}_3\text{CH}_2\text{CH}(\text{NH}_2)\text{-COOH.HCl}$ . ( $\alpha$ -Amino-5-imidazolepropionic acid).  
NT Colorado potato beetle, Mexican bean beetle, and codling moth. 606, 915.
- 541-791-1011-1112.  
Acetic acid, mercapto-, arsenic salt;  $[\text{CH}_2(\text{SH})\text{COO}]_2\text{-As}$ . (Arsenic trithioglycolate).  
HT Colorado potato beetle and Mexican bean beetle. 606, 1432.
- 541-791-1011-1114.  
Acetic acid, mercapto-, barium salt;  $(\text{SHCH}_2\text{COO})_2\text{-Ba}$ . (Ba thioglycolate).  
MT Mexican bean beetle; NT Colorado potato beetle. 606, 1432.
- 541-791-1014-1167.  
Acetic acid, mercapto-, triethyl lead ester. (Triethyl lead thioglycolate).  
T many insects. 161P.

- 541-825-1021.  
2-Thiophene carboxylic acid;  $C_4H_3SCOOH$ . (Carboxylic acid of thiophene). 357P.
- 541-841-951-1021.  
Benzoic acid, *m*-bromo-;  $BrC_6H_4COOH$ .  
NT screwworms. 156.
- 541-841-951-1021.  
Benzoic acid, *o*-bromo-;  $BrC_6H_4COOH$ .  
NT European corn borer and screwworms. 156, 1122.
- 541-841-951-1021.  
Benzoic acid, *p*-bromo-;  $BrC_6H_4COOH$ .  
NT screwworms. 156.
- 541-841-997.  
Caproic acid,  $\alpha$ -bromo-;  $CH_3(CH_2)_4CHBrCOOH$ . ( $\alpha$ -Bromo *n*-caproic acid; 2-bromohexanoic acid).  
NT red scale. 288, 1180.
- 541-841-999.  
Valeric acid,  $\alpha$ -bromo-;  $CH_3(CH_2)_3CHBrCOOH$ . ( $\alpha$ -Bromo *n*-valeric acid; 2-bromopentanoic acid).  
NT red scale. 1180.
- 541-841-1001.  
Butyric acid,  $\alpha$ -bromo-;  $CH_3CH_2CHBrCOOH$ . ( $\alpha$ -Bromo *n*-butyric acid; 2-bromobutanoic acid).  
NT red scale. 1180.
- 541-841-1003.  
Propionic acid,  $\alpha$ -bromo-;  $CH_3CHBrCOOH$ . (*dl*-2-Bromopropionic acid).  
NT red scale. 1180.
- 541-841-1011-1114.  
Acetic acid, bromo-, barium salt;  $(BrCH_2COO)_2Ba$ . (Barium bromoacetate).  
T *Locustana pardalina* and *Nomadacris septemfasciata*. 1144.
- 541-842-951-1003.  
Hydrocinnamic acid,  $\alpha,\beta$ -dibromo;  $C_6H_5CHBrCHBrCOOH$ . (*i*-Cinnamic acid dibromide).  
NT as mothproofing agent. 239.
- 541-843-1011.  
Acetic acid, tribromo-;  $Br_3CCOOH$ . (Tribromoethanoic acid, tribromoacetic acid). 890P.
- 541-851-951-1021.  
Benzoic acid, *o*-chloro-;  $ClC_6H_4COOH$ .  
T clothes moths; NT European corn borer and screwworms. 156, 875P, 1122.
- 541-851-951-1021.  
Benzoic acid, *p*-chloro-;  $ClC_6H_4COOH$ .  
ST screwworms; NT European corn borer. 156, 1122.
- 541-851-983-1213-1291.  
Selenium chloride, 9-(1-(1-carboxy-8-chlorooctadecyl)-);  $C_{17}H_{33}(SeCl_2)(Cl)COOH?$  (Oleic acid, seleno-).  
T as mothproofing agent. 399P, 679P, 1160A, 1175.
- 541-851-1011-1114.  
Acetic acid, chloro-, barium salt;  $(ClCH_2COO)_2Ba$ . (Barium chloroacetate).  
T *Locustana pardalina* and *Nomadacris septemfasciata*. 1144.
- 541-851-1011-1128.  
Acetic acid, chloro-, calcium salt;  $(ClCH_2COO)_2Ca$ . (Calcium chloroacetate).  
T roaches and *Lucilia cuprina* larvae. 587, 1144.
- 541-851-1011-1142-1260.  
Copper chloroacetarsenite;  $(ClCH_2COO)_2Cu_3Cu(AsO_2)_2$ .  
T southern army worm and mosquito larvae; MT *Tribolium*. 274A, 1168.
- 541-851-1011-1218.  
Acetic acid, chloro-, sodium salt;  $CH_2ClCOONa$ . (Neutral sodium monochloroacetate).  
T aphids. 1085P.
- 541-851-1011-1311.  
Acetic acid, chloro-, borofluoro-;  $(BF_3)(CH_2ClCOOH)$ .  
T as mothproofing agent. 396P, 400P, 634P, 1175, 1400P.
- 541-851-1027-1164.  
Cottonseed oil acids, chlorinated-, lanthanum salts.  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 541-851-1027-1180-1198.  
Cottonseed oil acids, chlorinated-, didymium salts.  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 541-851-1027-1228.  
Cottonseed oil acids, chlorinated-, thallium salts.  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 541-851-1027-1230.  
Cottonseed oil acids, chlorinated-, thorium salts.  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 541-851-1027-1236.  
Cottonseed oil acids, chlorinated-, titanium salts.  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 541-851-1027-1245.  
Cottonseed oil acids, chlorinated-, zirconium salts.  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 541-852-1011-1142-1260.  
Copper dichloroacetarsenite;  $(Cl_2CHCOO)_2Cu_3Cu(AsO_2)_2$ .  
T southern army worm and mosquito larvae; MT *Tribolium*. 274A, 1168.
- 541-853-1011-1142-1260.  
Copper trichloroacetarsenite;  $(Cl_3CCOO)_2Cu_3Cu(AsO_2)_2$ .  
T southern army worm and mosquito larvae. 274A.
- 541-861-983.  
Stearic acid, fluoro-, Cu;  $C_{17}H_{33}FCOOH$ . (Monofluorostearic acid). 345P.
- 541-861-983-1030-1218.  
Oleic acid, fluoro-, sodium salt, Cu;  $C_{17}H_{33}FCOONa$ . (Sodium fluorooleate). 345P.
- 541-861-983-1126.  
Stearic acid, fluoro-, calcium salt, Cu;  $C_{17}H_{33}FCOO)_2Ca$ . 345P.
- 541-861-990.  
Undecanoic acid, fluoro-, Cu;  $F(CH_2)_{10}COOH$ . (Monofluoroundecanoic acid). 345P.
- 541-861-990-1246.  
Undecanoic acid, fluoro-, salt, Cu. (Salt of monofluoroundecanoic acid). 345P.
- 541-861-1011.  
Acetic acid, fluoro-;  $FH_2CCOOH$ .  
T as mothproofing agent. 411P, 425P, 1175, 1399P.
- 541-862-983.  
Stearic acid, difluoro-, Cu;  $C_{17}H_{31}F_2COOH$ . 345P.
- 541-862-983-1126.  
Stearic acid, difluoro-, calcium salt, Cu;  $(C_{17}H_{31}F_2COO)_2Ca$ . 345P.
- 541-871-951.  
Benzoic acid, *o*-iodo-;  $(COOH)C_6H_4I$ .  
NT screwworms. 110, 156, 1229.
- 541-871-951.  
Benzoic acid, *p*-iodo-;  $(COOH)C_6H_4I$ .  
HT mosquito larvae. 110, 487, 1229.
- 541-910-1003-1022-1130.  
Abietic acid, cerium salt;  $(C_{19}H_{35}COO)_3Ce$ . (Abietic acid; sylvic acid).  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 541-910-1003-1022-1164.  
Abietic acid, lanthanum salt;  $(C_{19}H_{35}COO)_3La$ .  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 541-910-1003-1022-1180-1198.  
Abietic acid, didymium salt.  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 541-910-1003-1022-1228.  
Abietic acid, thallium salt;  $C_{19}H_{35}COOTl$ .  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 541-910-1003-1022-1230.  
Abietic acid, thorium salt;  $(C_{19}H_{35}COO)_3Th$ .  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 541-910-1003-1022-1236.  
Abietic acid, titanium salt;  $(C_{19}H_{35}COO)_3Ti$ .  
T carpet beetle. 780P, 781P, 782P, 1176.
- 541-910-1003-1022-1240.  
Abietic acid, uranium salt;  $(C_{19}H_{35}COO)_4U$ .  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 541-910-1003-1022-1245.  
Abietic acid, zirconium salt;  $(C_{19}H_{35}COO)_3Zr$ .  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 541-924-1011.  
Acetic acid,  $\alpha$ -naphthyl-;  $C_{10}H_7CH_2COOH$ . 39P.
- 541-924-1021.  
1-Naphthoic acid;  $C_{10}H_7COOH$ . ( $\alpha$ -Naphthoic acid).  
ST Japanese beetle. 494.
- 541-924-1021.  
2-Naphthoic acid;  $C_{10}H_7COOH$ . ( $\beta$ -Naphthoic acid;  $\beta$ -naphthalenecarboxylic acid).  
NT *Bombyx mori*. 559.
- 541-924-1021.  
Naphthoic acids, Cu. (Naphthalene, carboxylic derivatives of).  
T as mothproofing agent. 31P, 1176.

- 541-953-983-1030-1167.  
Oleic acid, triphenyl lead salt;  $C_{17}H_{33}COOPb(C_6H_5)_3$ . (Triphenyl lead oleate).  
T many insects. 161P.
- 541-951-1003.  
Hydrocinnamic acid;  $C_6H_5CH_2CH_2COOH$ . ( $\beta$ -Phenylpropionic acid; benzenepropionic acid).  
HT codling moths. 156, 1291.
- 541-951-1003-1030.  
Cinnamic acid;  $C_6H_5CH=CHCOOH$ . (*trans*- $\beta$ -Phenylacrylic acid; *trans*-benzenepropionic acid).  
ST screwworms at 0.67%. 156.
- 541-951-1011.  
 $\alpha$ -Toluic acid;  $C_6H_5CH_2COOH$ . (Acetic acid, phenyl).  
T houseflies and as mothproofing agent; ST screwworms. 156, 332P, 1012, 1176.
- 541-951-1021.  
Benzoic acid;  $C_6H_5COOH$ . (Benzenecarboxylic acid; Phenylformic acid).  
T *Orthopodoma signifer* and as mothproofing agent; NT screwworms and corn borer. 43, 156, 895, 1122, 1176.
- 541-951-1021-1109.  
Benzoic acid, ammonium salt;  $NH_4C_6H_5O_2$ . (Ammonium benzoate).  
NT screwworms. 156.
- 541-951-1021-1166.  
Benzoic acid, lead salt;  $(C_6H_5CO_2)_2Pb$ . (Lead benzoate).  
NT *Metanoplus m. mexicanus*. 1150.
- 541-951-1021-1177-1291.  
Benzoic acid,  $\alpha$ -chloromercuri-;  $HOCC_6H_4HgCl$ . (Mercury chlorobenzoic acid). 379P.
- 541-951-1021-1218.  
Benzoic acid, sodium salt;  $C_6H_5COONa$ . (Sodium benzoate).  
T *Aphis rumicis*; NT clothes moth, screwworms, *Metanoplus m. mexicanus*, and Mediterranean fruit fly. 156, 739, 963, 1150, 1152, 1176.
- 541-951-1021-1311.  
Benzoic acid, fluoboro-;  $(BF_4)C_6H_4COOH$ ? (Benzoatofluoboric acid). 634P.
- 541-952-1011-1111.  
Acetic acid, diphenyl stibine salt;  $CH_3COOSb(C_6H_5)_2$ . (Stibine acetate, diphenyl).  
T as mothproofing agent. 463P, 639P, 1175, 1176.
- 541-953-983-1193-1276.  
Phosphonium bromide,  $\omega$ -carboxyhexadecylmethyltriphenyl-;  $(HOCCCH_2(CH_2)_{10}CH_2)(C_6H_5)_3PBr$ . ( $\omega$ -Carboxy-hexadecylmethyltriphenyl-phosphoniumbromide).  
T as mothproofing agent. 867P, 1175.
- 541-953-1011-1193.  
Phosphonium hydroxide, anhydro- $\omega$ -carboxyl-methyltriphenyl- (inner salt);  $O:(C_6H_5OP)(C_6H_5)_2$ .  
T as mothproofing agent. 394P, 395P, 867P, 871P, 1175, 1176, 1179.
- 541-968-988.  
Chaulmoogric acid;  $(C_6H_7)(CH_2)_2COOH$ .  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 541-975.  
Acid, carboxylic heterocyclic.  
T as mothproofing agent. 329P, 357P, 1176.
- 541-975.  
Acid, aromatic.  
T as mothproofing agent. 392P, 1176.
- 541-980-1142-1260.  
Copper melissoarsenite;  $(CuOAs_2O_5)_2 \cdot Cu(C_{10}H_{18}O_2)_2$ . 274B.
- 541-983.  
Stearic acid;  $C_{17}H_{33}COOH$ . (Cetylacetic acid; *n*-octadecylic acid; stearic acid; steafricanic acid).  
T as mothproofing agent; NT *Aphis rumicis*. 286, 745P, 781P, 782P, 1176, 1378.
- 541-983-1013-1030-1167.  
Oleic acid, triethyl lead salt. (Triethyl lead oleate).  
T many insects. 161P.
- 541-983-1013-1167.  
Stearic acid, triethyl lead salt. (Triethyl lead stearate).  
T many insects. 161P.
- 541-983-1030.  
Oleic acid;  $C_{17}H_{33}COOH$ . (9-Octadecenoic acid).  
T *Aphis rumicis* and as mothproofing agent. 192P, 286, 1179, 1282P, 1378.
- 541-983-1030.  
Elaidic acid;  $CH_3(CH_2)_7CH=CH(CH_2)_7COOH$ .  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 541-983-1030-1109.  
Oleic acid, ammonium salt;  $C_{17}H_{33}COONH_4$ . (Ammonium oleate).  
T *Aphis rumicis* and as mothproofing agent. 842P, 843P, 1176, 1378.
- 541-983-1030-1114.  
Oleic acid, barium salt;  $(C_{17}H_{33}COO)_2Ba$ . (Barium oleate).  
NT codling moths and firebrats. 930, 1145.
- 541-983-1030-1130.  
Oleic acid, cerium salt;  $(C_{17}H_{33}COO)_2Ce$ .  
T as mothproofing agent; NT *Tineola biselliella* and *Attageus piceus* (739). 739, 745P, 781P, 782P, 985, 1167P, 1176.
- 541-983-1030-1142.  
Oleic acid, copper salt;  $(CH_3(CH_2)_7CH=CH(CH_2)_7COO)_2Cu$ . (Copper oleate).  
T termites. 319P, 1175.
- 541-983-1030-1142-1261.  
Copper cleoarsenite;  $[C_8H_{17}CH=CHC_7H_{14}COO]_2Cu \cdot 3Cu(AsO_4)_2$ .  
MT *Tribolium*. 478A, 1168.
- 541-983-1030-1164.  
Oleic acid, lanthanum salt;  $(C_{17}H_{33}COO)_3La$ .  
T as mothproofing agent; NT *Tineola biselliella* and *Attageus piceus* (739). 739, 745P, 781P, 782P, 985, 1167P, 1176.
- 541-983-1030-1166.  
Oleic acid, lead salt;  $Pb(C_{17}H_{33}COO)_2$ . (Lead oleate).  
T Japanese beetle. 142A.
- 541-983-1030-1172.  
Oleic acid, magnesium salt;  $(C_{17}H_{33}COO)_2Mg$ . (Magnesium oleate).  
NT clothes moths. 739, 1176.
- 541-983-1030-1180-1198.  
Oleic acid, didymium salt.  
T as mothproofing agent. 745P, 781P, 782P, 985, 1167P, 1176.
- 541-983-1030-1196.  
Oleic acid, potassium salt;  $C_{17}H_{33}COOK$ . (Potassium oleate).  
HT *Aphis rumicis*. 286.
- 541-983-1030-1218.  
Oleic acid, sodium salt;  $C_{17}H_{33}COONa$ . (Sodium oleate; Eunatrol).  
HT *Aphis rumicis*; T as mothproofing agent. 976P, 979P, 1176, 1378.
- 541-983-1030-1220.  
Oleic acid, strontium salt;  $(C_{17}H_{33}COO)_2Sr$ . (Strontium oleate).  
T as mothproofing agent. 422P, 430P, 869P, 1175.
- 541-983-1030-1228.  
Oleic acid, thallium salt;  $C_{17}H_{33}COOTl$ .  
T as mothproofing agent. 745P, 781P, 782P, 985, 1167P, 1176.
- 541-983-1030-1230.  
Oleic acid, thorium salt;  $(C_{17}H_{33}COO)_4Th$ .  
T as mothproofing agent; NT *Tineola biselliella* and *Attageus piceus* (739). 739, 745P, 781P, 782P, 985, 1167P, 1176.
- 541-983-1030-1236.  
Oleic acid, titanium salt;  $(C_{17}H_{33}COO)_4Ti$ .  
T as mothproofing agent. 745P, 781P, 782P, 985, 1167P, 1176.
- 541-983-1030-1240.  
Oleic acid, uranium salt;  $(C_{17}H_{33}COO)_4U$ .  
T as mothproofing agent. 745P, 781P, 782P, 985, 1167, 1176.
- 541-983-1030-1245.  
Oleic acid, zirconium salt;  $(C_{17}H_{33}COO)_4Zr$ .  
T as mothproofing agent. 745P, 781P, 782P, 985, 1167P, 1176.
- 541-983-1030-1311.  
Oleic acid, fluoboro-;  $(BF_4)(CH_2)(CH_2)_7CH=CH(CH_2)_7COOH$ .  
T as mothproofing agent. 634P, 1175, 1400P.
- 541-983-1033-1130.  
Linoleic acid, cerium salt;  $(C_{17}H_{31}COO)_2Ce$ .  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 541-983-1033-1164.  
Linoleic acid, lanthanum salt;  $(C_{17}H_{31}COO)_3La$ .  
T as mothproofing agent. 780P, 781P, 782P, 1176.

- 541-983-1033-1180-1198.  
Linoleic acid, didymium salt.  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 541-983-1033-1228.  
Linoleic acid, thallium salt;  $C_{17}H_{31}COOTl$ .  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 541-983-1033-1230.  
Linoleic acid, thorium salt;  $(C_{17}H_{31}COO)_4Th$ .  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 541-983-1033-1236.  
Linoleic acid, titanium salt;  $(C_{17}H_{31}COO)_4Ti$ .  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 541-983-1033-1240.  
Linoleic acid, uranium salt;  $(C_{17}H_{31}COO)_4U$ .  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 541-983-1033-1245.  
Linoleic acid, zirconium salt;  $(C_{17}H_{31}COO)_4Zr$ .  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 541-983-1035-1130.  
Clupanodonic acid, cerium salt;  $(C_{17}H_{31}COO)_2Ce$ .  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 541-983-1035-1164.  
Clupanodonic acid, lanthanum salt;  $(C_{17}H_{31}COO)_2La$ .  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 541-983-1035-1180-1198.  
Clupanodonic acid, didymium salt.  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 541-983-1035-1230.  
Clupanodonic acid, thorium salt;  $(C_{17}H_{31}COO)_4Th$ .  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 541-983-1035-1240.  
Clupanodonic acid, uranium salt;  $(C_{17}H_{31}COO)_4U$ .  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 541-983-1035-1245.  
Clupanodonic acid, zirconium salt;  $(C_{17}H_{31}COO)_4Zr$ .  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 541-983-1036-1130.  
Linolenic acid, cerium salt;  $(C_{17}H_{29}COO)_2Ce$ .  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 541-983-1036-1164.  
Linolenic acid, lanthanum salt;  $(C_{17}H_{29}COO)_2La$ .  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 541-983-1036-1180-1198.  
Linolenic acid, didymium salt.  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 541-983-1036-1228.  
Linolenic acid, thallium salt;  $C_{17}H_{29}COOTl$ .  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 541-983-1036-1230.  
Linolenic acid, thorium salt;  $(C_{17}H_{29}COO)_4Th$ .  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 541-983-1036-1236.  
Linolenic acid, titanium salt;  $(C_{17}H_{29}COO)_4Ti$ .  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 541-983-1036-1240.  
Linolenic acid, uranium salt;  $(C_{17}H_{29}COO)_4U$ .  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 541-983-1036-1245.  
Linolenic acid, zirconium salt;  $(C_{17}H_{29}COO)_4Zr$ .  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 541-983-1109.  
Stearic acid, ammonium salt;  $C_{17}H_{35}COONH_4$ . (Ammonium stearate).  
T as mothproofing agent; NT *Aphis rumicis*. 103P, 1179, 1378.
- 541-983-1114.  
Stearic acid, barium salt;  $(C_{17}H_{35}COO)_2Ba$ . (Barium stearate).  
NT *Malacosoma americana*. 1008.
- 541-983-1142.  
Stearic acid, copper salt;  $(C_{17}H_{35}COO)_2Cu$ . (Copper stearate).  
T tent caterpillars at 0.1%. 119.
- 541-983-1142-1200.  
Copper stearoarsenite;  $(C_{17}H_{35}COO)_2Cu_3Cu(AsO_2)_4$ .  
HT *Tribolium*. 274B, 478A, 1168.
- 541-983-1166.  
Stearic acid, lead salt;  $(C_{17}H_{35}COO)_2Pb$ . (Lead stearate).  
NT tent caterpillars. 119.
- 541-983-1176.  
Stearic acid, mercury salt;  $(C_{17}H_{35}COO)_2Hg$ . (Mercury stearate).  
T tent caterpillars. 119.
- 541-983-1196.  
Stearic acid, potassium salt;  $C_{17}H_{35}COOK$ . (Potassium stearate).  
ST *Aphis rumicis*. 286.
- 541-983-1218.  
Stearic acid, sodium salt;  $C_{17}H_{35}COONa$ . (Sodium stearate).  
T as mothproofing agent. 781P, 1176.
- 541-985.  
Palmitic acid;  $CH_3(CH_2)_{14}COOH$ . (Hexadecanoic acid; n-hexadecyclic acid).  
ST *Aphis rumicis*. 286, 1378.
- 541-985-1011-1177.  
Palmitic acid, ethyl mercury salt;  $C_{15}H_{31}HgOOCCH_3$ . (Ethyl mercury palmitate). 1402P.
- 541-985-1106.  
Palmitic acid, aluminum salt;  $(C_{15}H_{31}COO)_3Al$ . (Aluminum palmitate).  
NT clothes moths. 739, 1176.
- 541-985-1109.  
Palmitic acid, ammonium salt;  $C_{15}H_{31}COONH_4$ . (Ammonium palmitate).  
NT *Aphis rumicis*, *Tineola biselliella*, and *Attagenus piccus*. 739, 1378.
- 541-985-1142-1260.  
Copper palmitoarsenite;  $(C_{15}H_{31}COO)_2Cu_3Cu(AsO_2)_4$ . 274B.
- 541-985-1196.  
Palmitic acid, potassium salt;  $C_{15}H_{31}COOK$ . (Potassium palmitate).  
MT *Aphis rumicis*. 286.
- 541-987.  
Myristic acid;  $C_{13}H_{27}COOH$ .  
NT *Aphis rumicis* at 5.0%. 286, 1378.
- 541-987-1109.  
Myristic acid, ammonium salt;  $C_{13}H_{27}COONH_4$ . (Ammonium myristate).  
MT *Aphis rumicis*. 1378.
- 541-987-1196.  
Myristic acid, potassium salt;  $C_{13}H_{27}COOK$ . (Potassium myristate).  
MT *Aphis rumicis*. 286.
- 541-988.  
Tridecanoic acid;  $C_{13}H_{27}COOH$ . (Tridecyclic acid).  
100% T *Aphis rumicis*. 1378.
- 541-988-1109.  
Tridecanoic acid, ammonium salt;  $C_{13}H_{27}COONH_4$ . (Ammonium tridecylate).  
MT *Aphis rumicis*. 1378.
- 541-989.  
Lauric acid;  $C_{11}H_{23}COOH$ . (Dodecanoic acid).  
T *Aphis rumicis*. 280, 1378.
- 541-989-1109.  
Lauric acid, ammonium salt;  $C_{11}H_{23}COONH_4$ . (Ammonium laurate).  
HT *Aphis rumicis*. 1378.
- 541-989-1142-1261.  
Copper lauroarsenite;  $(C_{11}H_{23}COO)_2Cu_3Cu(AsO_2)_4$ .  
HT *Tribolium*. 274B, 478A, 1168.
- 541-989-1196.  
Lauric acid, potassium salt;  $C_{11}H_{23}COOK$ . (Potassium laurate).  
MT *Aphis rumicis*. 286.
- 541-989-1218.  
Lauric acid, sodium salt;  $C_{11}H_{23}COONa$ . 1069.
- 541-990.  
Hendecanoic acid;  $C_{10}H_{21}COOH$ . (Undecyclic acid).  
HT *Aphis rumicis*. 1378.
- 541-990-1030.  
Hendecanoic acid, CU;  $C_{10}H_{21}COOH$ . (Undecenoic acid).  
HT *Aphis rumicis*. 206P, 1378.
- 541-990-1030-1109.  
Hendecanoic acid, ammonium salt, CU;  $C_{10}H_{21}COONH_4$ . (Ammonium undecenoate).  
HT *Aphis rumicis*. 1378.
- 541-990-1109.  
Hendecanoic acid, ammonium salt;  $CH_3(CH_2)_9COONH_4$ . (Ammonium undecylate).  
HT *Aphis rumicis*. 1378.
- 541-991.  
Capric acid;  $C_{10}H_{21}COOH$ .  
T *Aphis rumicis*. 286, 1378.



- 541-991-1109.  
Capric acid, ammonium salt;  $C_8H_{17}COONH_4$ . (Ammonium caprate).  
HT *Aphis rumicis*. 1378.
- 541-991-1199.  
Capric acid, potassium salt;  $C_8H_{17}COOK$ . (Potassium caprate).  
MT *Aphis rumicis*. 286.
- 541-991-1218.  
Capric acid, sodium salt;  $C_8H_{17}COONa$ . 1069.
- 541-992.  
Pelargonic acid;  $C_8H_{17}COOH$ . (Nonanoic acid).  
HT *Aphis rumicis*; T *Lucilia cuprina* larvae. 849, 1378.
- 541-992-1109.  
Pelargonic acid, ammonium salt;  $C_8H_{17}COONH_4$ . (Ammonium pelargonate).  
HT *Aphis rumicis*. 1378.
- 541-993.  
Caprylic acid;  $C_7H_{15}COOH$ . (Caprylic acid; oitic acid; *n*-octoic acid; octylic acid).  
T *Aphis rumicis*, *Lucilia cuprina*, and as mothproofing agent. 286, 849, 976P, 979P, 1176, 1378.
- 541-993-1109.  
Caprylic acid, ammonium salt;  $C_7H_{15}COONH_4$ . (Ammonium caprylate).  
HT *Aphis rumicis*. 1378.
- 541-993-1199.  
Caprylic acid, potassium salt;  $C_7H_{15}COOK$ . (Potassium caprylate).  
MT *Aphis rumicis*. 286.
- 541-993-1218.  
Caprylic acid, sodium salt;  $C_7H_{15}COONa$ . 1069.
- 541-994-997-1109.  
Caproic acid, diethylammonium salt;  $CH_3(CH_2)_4COONH_2(C_2H_5)_2$ . (Diethylamine caproate).  
HT as fly spray. 112, 1127P.
- 541-995.  
Enanthic acid;  $C_8H_{17}COOH$ . (Oenanthic (heptylic) acid; enanthylic acid; heptanoic acid; *n*-heptoic acid); *n*-heptylic acid).  
HT *Aphis rumicis*; T mosquito and *Lucilia cuprina* larvae. 849, 1070, 1293, 1378.
- 541-995-1109.  
Enanthic acid, ammonium salt;  $C_8H_{17}COONH_4$ . (Ammonium oenanthate; ammonium heptanoate).  
HT *Aphis rumicis*. 1378.
- 541-997.  
Caproic acid;  $C_6H_{11}COOH$ . (Hexanoic acid; *n*-hexoic acid).  
T *Aphis rumicis* and mosquito larvae. 286, 1070, 1293, 1378.
- 541-997-1109.  
Caproic acid, ammonium salt;  $C_6H_{11}COONH_4$ . (Ammonium caproate).  
MT *Aphis rumicis*. 1378.
- 541-997-1199.  
Caproic acid, potassium salt;  $C_6H_{11}COOK$ . (Potassium caproate).  
NT *Aphis rumicis* and *Macrosiphum rosae*. 286.
- 541-997-1218.  
Caproic acid, sodium salt;  $C_6H_{11}COONa$ . 1069.
- 541-999.  
Butyric acid,  $\alpha$ -methyl-;  $CH_3CH_2CH(CH_3)COOH$ . (di-Methylethylacetic acid).  
NT rice weevil. 1180.
- 541-999.  
Valeric acid;  $C_5H_9COOH$ . (Valerianic (normal) acid; pentanoic acid).  
HT *Aphis rumicis* and *Lucilia cuprina*; T diptera. 735, 849, 1293, 1378.
- 541-1001.  
Butyric acid;  $C_4H_7COOH$ . (Butanoic acid; ethylacetic acid).  
MT *Aphis rumicis*; T diptera. 735, 1293, 1378.
- 541-1001-1030.  
Crotonic acid;  $C_5H_8COOH$ .  
NT *Melanoplus m. mexicanus*. 1150.
- 541-1001-1030-1142-1261.  
Copper crotonarsenite;  $(CH_3CH:CHCOO)_2Cu_3Cu(AsO_4)_2$ .  
HT *Tribolium*. 478A, 1168.
- 541-1001-1142-1260.  
Copper butyarsenite;  $(C_4H_7COO)_2Cu_3Cu(AsO_4)_2$ .  
T southern army worm and mosquito larvae. 274A.
- 541-1003.  
Propionic acid;  $C_3H_7COOH$ . (Propanoic acid; methylacetic acid).  
HT *Aphis rumicis*; NT *Chrysomphalus aurantii*. 288, 1293, 1378.
- 541-1003-1142-1260.  
Copper propionarsenite;  $(C_3H_7COO)_2Cu_3Cu(AsO_4)_2$ .  
T southern army worm and mosquito larvae. 274A.
- 541-1003-1218.  
Propionic acid, sodium salt;  $C_3H_7COONa$ . 1069.
- 541-1003-1311.  
Propionic acid, fluoboro-;  $(BF_4)(CH_3CH_2COOH)$ .  
T as mothproofing agent. 1175, 1400P.
- 541-1011.  
Acetic acid;  $CH_3COOH$ . (Ethanoic acid; vinegar).  
T Japanese beetle; MT *Aphis rumicis*; ST red scale; NT clothes moths; used with kerosene for head lice. 26, 175, 286, 397P, 425P, 464P, 975P, 978P, 1076, 1175, 1176, 1213AP, 1293, 1378, 1399P, 1423.
- 541-1011-1108.  
Aluminum acetate;  $(CH_3COO)_3Al$ . (Alumini acetate; aluminum acetate; fluid gelatine; mordant salts; oil pulp; printer's acetate; red liquor waterproofing salts).  
NT *Tineola biselliella* and *Attagenus piceus*. 338P, 739, 757P, 1176, 1179.
- 541-1011-1114.  
Barium acetate;  $(CH_3COO)_2Ba.H_2O$ .  
NT firebrats. 1145.
- 541-1011-1124.  
Cadmium acetate;  $(CH_3COO)_2Cd.3H_2O$ .  
NT *Bombyx mori*. 561.
- 541-1011-1126.  
Calcium acetate;  $(CH_3COO)_2Ca$ . (Brown acetate; calcii acetate; diacetate of lime; grey acetate; pyrolignite of lime; vinegar salts).  
T as mothproofing agent. 338P, 1176.
- 541-1011-1130.  
Cerium acetate;  $(CH_3COO)_3Ce$ .  
T as mothproofing agent. 757P, 1179.
- 541-1011-1142.  
Copper acetate;  $Cu(CH_3COO)_2.H_2O$ .  
T Aphids and as mothproofing agent; ST Mediterranean fruit fly; NT *Melanoplus m. mexicanus*. 175, 757P, 993, 1150, 1179.
- 541-1011-1142-1261.  
Paris green;  $(CH_3COO)_2Cu_3Cu(AsO_4)_2$ . (Copper aceto-arsenite).  
Standard insecticide, T many insects.
- 541-1011-1164.  
Lanthanum acetate;  $(CH_3COO)_3La$ .  
T as mothproofing agent. 757P, 1179.
- 541-1011-1166.  
Lead acetate;  $(CH_3COO)_2Pb$ .  
T *Popillia japonica* and T *Lucilia cuprina* at 0.1%; NT bedbugs. 493A, 849, 1288.
- 541-1011-1172.  
Magnesium acetate;  $(CH_3COO)_2Mg.xH_2O$ .  
NT *Melanoplus m. mexicanus*. 1150.
- 541-1011-1218.  
Sodium acetate;  $CH_3COONa$ .  
T as mothproofing agent. 319P, 1069, 1175.
- 541-1011-1220.  
Strontium acetate;  $(CH_3COO)_2Sr$ .  
T as mothproofing agent. 333P, 430P, 869P, 1175.
- 541-1011-1230.  
Thorium acetate;  $(CH_3COO)_4Th$ .  
T as mothproofing agent. 757P, 1179.
- 541-1011-1234.  
Tin acetate;  $(CH_3COO)_4Sn$ .  
T as mothproofing agent. 757P, 1179.
- 541-1011-1244.  
Zinc acetate;  $(CH_3COO)_2Zn$ .  
T aphids and as mothproofing agent. 175, 757P, 1179.
- 541-1011-1246.  
Acetate, metal, Cu.  
T as mothproofing agent. 757P, 1179.
- 541-1011-1311.  
Acetic acid, fluoboro-;  $(BF_4)(CH_3COOH)$ . (Boro-fluoroacetic acid).  
T as mothproofing agent. 396P, 400P, 456P, 472P, 634P, 1175, 1176, 1178, 1359P, 1400P.
- 541-1011-1311.  
Trifluoroacetic acid;  $(BF_3)(CH_3COOH)$ . (Boro-

- trifluoro-acetic acid).  
T as mothproofing agent. 400P, 403P, 1175.
- 541-1012-1177.  
Acetic acid, ethylmercury salt;  $C_2H_5HgOOCCH_3$ .  
(Mercury, ethylacetate). 302P.
- 541-1013-1021-1167.  
Formic acid, triethyllead salt. (Lead, triethyl-formate).  
T many insects. 161P.
- 541-1013-1045-1167.  
Resin acids, triethyl lead salt. (Triethyl lead resinate).  
T many insects. 161P.
- 541-1021.  
Formic acid;  $HCOOH$ . (Methanoic acid).  
HT *Aphis rumicis*, houseflies, and *Chrysomphalus aurantii*; T as mothproofing agent. 175, 283, 327P, 333P, 337P, 339P, 837, 938P, 975P, 978P, 1012, 1176, 1375, 1416P.
- 541-1021-1114.  
Barium formate;  $(HCOO)_2Ba$ .  
NT firebrats. 1145.
- 541-1021-1142-1260.  
Copper formoarsenite;  $(HCOO)_2Cu_3C_4(AsO_3)_2$ .  
T southern army worm and mosquito larvae. 274A.
- 541-1021-1186.  
Lead formate;  $(HCOO)_2Pb$ .  
T codling moths. 915.
- 541-1021-1311.  
Formic acid, fluoboro-;  $(BF_4)(HCOOH)$ . (Boro-fluoro-formic acid).  
T as mothproofing agent. 396P, 400P, 472P, 1175, 1176, 1400P.
- 541-1027.  
Acids, fatty. CU;  $RCOOH$ . 1137P, 1175.
- 541-1027-1030-1142-1261.  
Green, linseed oil, CU.  
HT *Tribolium*. 478A, 1168.
- 541-1027-1142-1261.  
Green, soybean oil, CU.  
HT *Tribolium*. 478A, 1168.
- 541-1027-1142-1261.  
Green, peanut oil, CU.  
HT *Tribolium*. 478A, 1168.
- 541-1027-1142-1261.  
Green, fish oil, CU.  
MT *Tribolium*. 478A, 1168.
- 541-1027-1196.  
Soap, potassium (made from coconut oil), CU.  
HT *Aphis rumicis*. 286.
- 541-1027-1196.  
Soap, potassium (made from cottonseed oil).  
HT *Aphis rumicis*. 286.
- 541-1027-1196.  
Soap, potassium (made from corn oil).  
HT *Aphis rumicis*. 286.
- 541-1027-1196.  
Soap, potassium (made from menhaden oil).  
HT *Aphis rumicis*. 286.
- 541-1027-1196.  
Soap, potassium (made from palm oil).  
HT *Aphis rumicis*. 286.
- 541-1045.  
Acids, carboxylic, CU;  $RCOOH$ .  
T as mothproofing agent. 77P, 331P, 332P, 462P, 867P, 1175, 1176.
- 541-1045-1167.  
Acid, trialkyl lead salts;  $R_3PbX$ . 161P.
- 541-1045-1311.  
Acids, fluoboro organic;  $(BF_4)(RCOOH)$ . (Boro-fluoro organic acids).  
T as mothproofing agent. 400P, 403P, 1175.
- 542-581-1001-1110.  
Malic acid, antimony salt, (exact constitution questionable). (Antimony malate). 958P.
- 542-582-730-740-1001-1021.  
Nicotine, bitartrate;  $[(CH_3OOCCH_2)_2]_2(C_{10}H_{14}N_2)$ .  
HT greenhouse leaf tier and imported cabbage worm. 1372.
- 542-582-730-950-1001.  
Quinoline, tartrate;  $C_9H_7N \cdot (CH_3OOCCH_2)_2$ .  
NT *Bombyx mori*. 561.
- 542-582-782-952-1022.  
Disulfide, bis(2-carboxy-4-hydroxyphenyl)-;  $[-S-C_6H_3(OH)COOH]_2$ .  
T as mothproofing agent. 875P, 1179.
- 542-582-782-952-1022.  
Disulfide, bis(3-carboxy-2-hydroxyphenyl)-;  $[-S-C_6H_3(OH)COOH]_2$ .  
T as mothproofing agent. 875P, 1179.
- 542-582-1001.  
Tartaric acid;  $HOOC(CHOH)_2COOH$ .  
T as mothproofing agent; used in ant baits. 26, 975P, 978P, 1133P, 1176, 1179.
- 542-582-1001-1109-1312.  
Tartaric acid, ammonium salt, hydrofluoride;  $[NH_4OOC(CHOH)_2COONH_4] \cdot HF$ ? (Ammonium tartrate hydrofluoride).  
T clothes moths. 842P, 1175.
- 542-582-1001-1110-1198.  
Tartaric acid;  $KO_2C(CHOH)_2CO_2SbO \cdot \frac{1}{2}H_2O$ . (Antimony potassium tartrate).  
T citrus thrips and *T. lucilia cuprina* at 0.1%; NT *Melanoplus m. mexicanus* and clothes moths (739). 77P, 116, 739, 849, 1039P, 1150, 1176.
- 542-582-1001-1114.  
Tartaric acid, barium salt;  $BaC_4H_4O_6H_2O$ . (Barium tartrate).  
MT firebrats. 1145.
- 542-582-1001-1120-1196.  
Potassium borotartarate.  
NT *Timocia biselliella* and *Attagenus piceus*. 739, 1176.
- 542-582-1001-1142.  
Tartaric acid, copper salt;  $CuC_4H_4O_6 \cdot 3H_2O$ . (Copper tartrate).  
NT Mediterranean fruit fly. 903.
- 542-582-1001-1196.  
Potassium acid tartrate;  $HOOC(CHOH)_2COOK$ . (Potassium hydrogen tartrate).  
T as mothproofing agent. 461P, 1176.
- 542-584-997-1110.  
Saccharic acid, antimony salt, (exact constitution questionable). (Antimony saccharate). 990P.
- 542-591-951-1011-1021.  
Benzoic acid, o-carboxymethoxy;  $HOOCCH_2OC_6H_4COOH$ . (Salicylacetic acid; o-carboxymethoxy-benzoic acid; salicylic-o-acetic acid).  
NT screwworms. 156.
- 542-592-951-1014-1021.  
Phthalic acid, 2-ethoxyethyl ester;  $C_6H_4(COOC_2H_5OC_2H_5)_2$ . ( $\beta$ -Ethoxy ethyl phthalate).  
NT silkworms. 659.
- 542-593-951-1011-1023.  
Risic acid;  $(CH_3O)_2C_6H_3(OCH_2COOH)COOH$ .  
Associated with rotenone. 618.
- 542-593-951-1012-1022.  
Derrio acid;  $(CH_3O)_2C_6H_3(OCH_2COOH)CH_2COOH$ .  
Associated with rotenone. 618.
- 542-657-852-953-1022.  
Phthalic acid, dichloro-, phenylhydrazide;  $(Cl)_2C_6H_3(COOHNH_2)NEHC_6H_5$ .  
T as mothproofing agent. 328P, 330P, 1176.
- 542-657-952-1022.  
Phthalic acid, phenylhydrazide;  $C_6H_5NHNHC_6H_3(COOH)_2$ .  
T as mothproofing agent. 328P, 340P, 1176.
- 542-665-952.  
Benzoic acid, p,p'-azodi-;  $(NC_6H_4COOH)_2$ . (Azo-benzene dicarboxylic acid-[4,4']).  
NT southern army worm at 4%. 1481.
- 542-671-1001.  
L-Aspartic acid;  $HOOCCH_2CH(NH_2)COOH$ .  
NT houseflies. 915, 1012.
- 542-672-782-1004.  
L-Cystine;  $[SCH_2CH(NH_2)COOH]_2$ . (1- $\beta$ , $\beta'$ -Dithiodialanine; L-3,3'-dithiois(2-aminopropanoic acid); dicysteine).  
MT codling moths. 915, 1432.
- 542-672-951-1011.  
Aniline oxalate;  $(COOH)_2 \cdot (C_6H_5NH_2)_2$ .  
ST Japanese beetle. 494.
- 542-730-1022.  
Quinolinic acid;  $(C_8H_7N)(COOH)_2$ . (2, 3-Pyridine-carboxylic acid).  
NT codling moths. 915.
- 542-740-1011-1022.  
Oxalic acid, 2, 2-dimethylpyrrolidine salt;  $(CH_3)_2 \cdot (C_4H_7N)(COOH)_2$ . (a,a-Dimethylpyrrolidine oxalate

- (neutral); pyrrolidine, 2,2-dimethyl-, oxalate).  
T *Aphis rumicis*. 1151.
- 542-781-951-1013.  
Ethane, 1, 1-bis(mercaptoacetic acid)-, 1-phenyl-;  
 $\text{C}_6\text{H}_5\text{C}(\text{CH}_3)(\text{SCH}_2\text{COOH})_2$ . (Methylphenylmethyl-  
ene-bis(mercaptoacetic acid)-).  
T codling moth larvae; NT mosquito larvae. 487,  
1291.
- 542-781-952-1012.  
Methane, bis(mercaptoacetic acid) diphenyl-; ( $\text{C}_6\text{H}_5$ ) $_2\text{C}(\text{SCH}_2\text{COOH})_2$ . (Diphenylmethylene-bis(mer-  
captoacetic acid)-).  
ST mosquito larvae. 487.
- 542-842-852-952-1021.  
Methane, bis(bromochlorohydroxyphenyl)-;  $\text{CH}_3$ -  
[ $\text{C}_6\text{H}_3(\text{Br})(\text{Cl})\text{OH}$ ] $_2$ .  
T as mothproofing agent. 455P, 1179.
- 542-842-952-1021.  
Methane, bis(5-bromo-2-hydroxyphenyl)-;  $\text{CH}_3$ -  
[ $\text{C}_6\text{H}_3(\text{Br})\text{OH}$ ] $_2$ .  
T as mothproofing agent. 458P, 1179.
- 542-854-951-1022.  
Phthalic acid, 3, 4, 5, 6-tetrachloro-;  $\text{C}_6\text{Cl}_4(\text{COOH})_2$ .  
(Tetrachlorophthalic acid).  
NT *Bombyx mori*. 561.
- 542-951-1001-1022.  
Phthalic acid, butyl-, CU;  $\text{C}_4\text{H}_9\text{C}_6\text{H}_4(\text{COOH})_2$ .  
NT *Bombyx mori*. 561.
- 542-951-1022.  
Phthalic acid;  $\text{C}_6\text{H}_4(\text{COOH})_2$ . (Benzene-*o*-dicar-  
boxylic acid).  
T screwworms and as mothproofing agent. 40P,  
156, 1179.
- 542-951-1022.  
Isophthalic acid;  $\text{C}_6\text{H}_4(\text{COOH})_2$ .  
NT *Bombyx mori*. 559.
- 542-951-1022.  
Phthalic acids, CU.  
T as mothproofing agent. 1175, 1357P.
- 542-952-1022.  
Benzoic anhydride; ( $\text{C}_6\text{H}_5\text{CO}$ ) $_2\text{O}$ . (Benzoic acid an-  
hydride).  
ST screwworms at 0.67%. 156.
- 542-908-1023-1109.  
Camphoric acid, ammonium salt;  $\text{C}_{10}\text{H}_{12}(\text{COONH}_4)_2$ .  
T *Aphis rumicis*. 1152.
- 542-980-1130.  
Japanic acid, cerium salt; [ $\text{C}_{20}\text{H}_{40}(\text{COO})_2$ ] $_2\text{Ce}$ .  
(Nonadecamethylene-dicarboxylic acid).  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 542-980-1164.  
Japanic acid, lanthanum salt; [ $\text{C}_{20}\text{H}_{40}(\text{COO})_2$ ] $_2\text{La}$ .  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 542-980-1180-1198.  
Japanic acid, didymium salt.  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 542-980-1228.  
Japanic acid, thallium salt;  $\text{C}_{20}\text{H}_{40}(\text{COO})_2\text{Tl}$ .  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 542-980-1230.  
Japanic acid, thorium salt; [ $\text{C}_{20}\text{H}_{40}(\text{COO})_2$ ] $_2\text{Th}$ .  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 542-980-1236.  
Japanic acid, titanium salt; [ $\text{C}_{20}\text{H}_{40}(\text{COO})_2$ ] $_2\text{Ti}$ ?  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 542-980-1240.  
Japanic acid, uranium salt; [ $\text{C}_{20}\text{H}_{40}(\text{COO})_2$ ] $_2\text{U}$ .  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 542-980-1245.  
Japanic acid, zirconium salt; [ $\text{C}_{20}\text{H}_{40}(\text{COO})_2$ ] $_2\text{Zr}$ ?  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 542-991.  
Sebacic acid;  $\text{COOH}(\text{CH}_2)_8\text{COOH}$ . (Decanedioic acid).  
NT *Bombyx mori* larvae. 559.
- 542-997.  
Adipic acid;  $\text{COOH}(\text{CH}_2)_4\text{COOH}$ .  
NT European corn borer. 1122.
- 542-1001.  
Succinic acid;  $(\text{CH}_2\text{COOH})_2$ .  
NT houseflies. 1012.
- 542-1001-1027.  
Succinic acid, substituted, CU;  $\text{HOOCCH}_2\text{R}'\text{CH}_2\text{COOH}$ . 173P.
- 542-1003-1011-1177.  
Oxalic acid, propylmercury salt;  $(\text{C}_3\text{H}_7\text{Hg})_2(\text{OOC})_2$ .  
(Propylmercurioxalate). 302P.
- 542-1003-1228.  
Malonic acid, thallium salt;  $\text{CH}_3(\text{COO})_2\text{Tl}$ . (Thallous  
malonate).  
NT codling moths. 930.
- 542-1011.  
Oxalic acid;  $(-\text{COOH})_2$ .  
T as mothproofing agent; NT clothes moths. (985).  
975P, 978P, 984P, 985, 1133P, 1176, 1179.
- 542-1011-1109.  
Ammonium oxalate;  $(-\text{COONH}_4)_2$ .  
NT *Melanoplus m. mexicanus*. 1150.
- 542-1011-1114.  
Barium oxalate;  $(-\text{COO})_2\text{Ba}$ .  
T *Malacosoma americana*; MT firebrats. 1008,  
1144, 1145.
- 542-1011-1124.  
Cadmium oxalate;  $(-\text{COO})_2\text{Cd} \cdot 3\text{H}_2\text{O}$ .  
MT *Bombyx mori* larvae. 561.
- 542-1011-1126.  
Calcium oxalate;  $(-\text{COO})_2\text{Ca}$ .  
NT *Malacosoma americana*. 1008.
- 542-1011-1138.  
Cobaltous oxalate;  $(-\text{COO})_2\text{Co}$ .  
NT tobacco worm moths. 553.
- 542-1011-1142.  
Copper oxalate;  $(-\text{COO})_2\text{Cu} \cdot \frac{1}{2}\text{H}_2\text{O}$ .  
T Mediterranean fruit fly. 963.
- 542-1011-1166.  
Lead oxalate;  $(-\text{COO})_2\text{Pb}$ .  
T codling moths. 915.
- 542-1011-1172.  
Magnesium oxalate;  $(-\text{COO})_2\text{Mg} \cdot 2\text{H}_2\text{O}$ .  
NT *Melanoplus m. mexicanus*. 1150.
- 542-1011-1196.  
Potassium acid oxalate;  $\text{HOOC}\text{COOK}$ .  
T as mothproofing agent. 1133P, 1179.
- 542-1011-1196-1312.  
Potassium oxalate hydrofluoride;  $(-\text{COOK})_2\text{HF}$ .  
T as mothproofing agent. 642P, 1175.
- 542-1011-1218.  
Sodium oxalate;  $(-\text{COONa})_2$ .  
NT *Orthopodomyia signifer*. 895.
- 542-1011-1244.  
Zinc oxalate;  $(-\text{COO})_2\text{Zn}$ .  
ST codling moths. 915.
- 543-571-581-951-1001-1022.  
Nicotinic acid;  $(\text{HOOC})_2(\text{HO})\text{C}_6\text{H}_4\text{OC}(\text{CH}_3)_2\text{COOH}$ .  
(Acidum citricum; oxynticarballic acid).  
Associated with rotenone. 618.
- 543-581-997.  
Citric acid;  $\text{HOOCCH}_2\text{C}(\text{OH})(\text{COOH})\text{CH}_2\text{COOH}$ .  
(Acidum citricum; oxynticarballic acid).  
T mothproofing agent; NT *Orthopodomyia signifer*.  
895, 975P, 976P, 978P, 979P, 984P, 1176.
- 543-581-997-1110.  
Antimonyl citrate (exact constitution questionable).  
989P.
- 543-581-997-1110-1196.  
Potassium antimonyl citrate.  
T *Scirtothrips citri*. 1144.
- 543-581-997-1172.  
Magnesium citrate;  $(\text{C}_6\text{H}_5\text{O})_2\text{Mg}$ .  
NT *Melanoplus m. mexicanus*. 1150.
- 543-581-997-1218.  
Sodium citrate;  $\text{Na}_3\text{C}_6\text{H}_5\text{O}_7$ .  
NT screwworms. 156.
- 543-997-1030.  
Aconitic acid;  $\text{C}_6\text{H}_5(\text{COOH})_3$ .  
NT European corn borer. 1122.
- 544-584-594-620-1025.  
Alginate acid. (Algie acid; algin).  
T as mothproofing agent. 1036P, 1037P, 1176.
- 551-561-591-972-1001-1025-1030.  
Chrysanthemic acid, vanillin ester;  $(\text{C}_9\text{H}_{19})$ -  
 $\text{COOC}_6\text{H}_4(\text{CHO})\text{OCH}_3$ . (Chrysanthemum monocar-  
boxylic acid, vanillin ester).  
MT *Aphis rumicis*. 650.
- 551-571-581-924-1012-1021.  
2-Naphthoic acid, 4-acetyl-3-hydroxy-, ethyl ester;  
 $\text{HOC}_{10}\text{H}_7(\text{COCH}_3)\text{COOC}_2\text{H}_5$ .  
ST corn borer. 1120.
- 551-571-620-625-1011-1021.  
1, 4-Pyrone-2-carboxylic acid, 5, 6-dihydro-6-(2-  
furyl)-, ethyl ester;  $(\text{C}_8\text{H}_7\text{O})(\text{C}_4\text{H}_3\text{O})(\text{C}_2\text{H}_5)\text{COOC}_2\text{H}_5$ .



- 551-572-991-1001.  
Pelargonic acid,  $\alpha,\gamma$ -dioxo- $\delta$ -methyl-, butyl ester;  $C_8H_{17}CH(CH_3)COCH_2COCOOC_4H_9$ . ( $\alpha,\gamma$ -Diketo-delta-methylpelargonic acid, butyl ester).  
Fly spray. 112, 794P.
- 551-572-992-1001.  
Pelargonic acid,  $\alpha,\gamma$ -dioxo-, butyl ester;  $C_8H_{17}COCH_2COCOOC_4H_9$ . ( $\alpha,\gamma$ -Diketopelargonic acid, butyl ester).  
Fly spray. 112, 794P.
- 551-572-993-997.  
Isocaprylic acid,  $\alpha,\gamma$ -dioxo-2-ethyl-, butyl ester;  $(CH_3)_2CHCH_2COCH_2COCOOC_4H_9$ . ( $\alpha,\gamma$ -Diketoisocaprylic acid, 2-ethyl-butyl ester).  
Fly spray. 112, 794P.
- 551-572-993-999.  
Isocaprylic acid,  $\alpha,\gamma$ -dioxo-, isoamyl ester;  $(CH_3)_2CHCH_2COCH_2COCOOC_5H_{11}$ . ( $\alpha,\gamma$ -Diketoisocaprylic acid, isoamyl ester).  
Fly spray. 112, 794P.
- 551-572-993-999.  
Isocaprylic acid,  $\alpha,\gamma$ -dioxo-, *sec*-amyl ester;  $(CH_3)_2CHCH_2COCH_2COCOOC_5H_{11}$ . (*sec*-Isocaprylic acid,  $\alpha,\gamma$ -dioxo-, 1-methyl-butyl ester;  $\alpha,\gamma$ -diketoisocaprylic acid, 1-methyl-butyl ester).  
Fly spray. 112, 794P.
- 551-572-993-1001.  
Isocaprylic acid,  $\alpha,\gamma$ -dioxo-, butyl ester;  $(CH_3)_2CHCH_2COCH_2COCOOC_4H_9$ . ( $\alpha,\gamma$ -Diketoisocaprylic acid, butyl ester).  
Fly spray. 112, 794P.
- 551-572-993-1001.  
Caproic acid,  $\alpha,\gamma$ -dioxo- $\delta$ ,  $\delta$ -dimethyl, butyl ester;  $(CH_3)_2COCOCH_2COCOOC_4H_9$ . ( $\alpha,\gamma$ -Diketo-delta-dimethylcaproic acid, butyl ester).  
Fly spray. 112, 794P.
- 551-572-993-1001.  
Isocaprylic acid,  $\alpha,\gamma$ -dioxo-, isobutyl ester;  $(CH_3)_2CHCH_2COCH_2COCOOC_4H_9$ . ( $\alpha,\gamma$ -Diketoisocaprylic acid, isobutyl ester).  
Fly spray. 112, 794P.
- 551-572-993-1001-1030.  
Isocaprylic acid,  $\alpha,\gamma$ -dioxo-, 2-methylallyl ester;  $(CH_3)_2CHCH_2COCH_2COCOOC_3CH_3$ . ( $\alpha,\gamma$ -Diketoisocaprylic acid, 2-methylallyl ester).  
Fly spray. 112, 794P.
- 551-572-993-1003.  
Isocaprylic acid,  $\alpha,\gamma$ -dioxo-, isopropyl ester;  $(CH_3)_2CHCH_2COCH_2COCOOC_3CH_3$ . ( $\alpha,\gamma$ -Diketoisocaprylic acid, isopropyl ester).  
Fly spray. 112, 794P.
- 551-572-993-1003-1030.  
Isocaprylic acid,  $\alpha,\gamma$ -dioxo-, allyl ester;  $(CH_3)_2CHCH_2COCH_2COCOOC_3CH_3$ . ( $\alpha,\gamma$ -Diketoisocaprylic acid, allyl ester).  
Fly spray. 112, 794P.
- 551-572-993-1011.  
Isocaprylic acid,  $\alpha,\gamma$ -dioxo-, ethyl ester;  $(CH_3)_2CHCH_2COCH_2COCOOC_2H_5$ . ( $\alpha,\gamma$ -Diketoisocaprylic acid, ethyl ester).  
Fly spray. 112, 794P.
- 551-572-993-1021.  
Isocaprylic acid,  $\alpha,\gamma$ -dioxo-, methyl ester;  $(CH_3)_2CHCH_2COCH_2COCOOC_2H_5$ . ( $\alpha,\gamma$ -Diketoisocaprylic acid, methyl ester).  
Fly spray. 112, 794P.
- 551-572-994.  
Isocaprylic acid,  $\alpha,\gamma$ -dioxo-, 2-ethylhexyl ester;  $(CH_3)_2CHCH_2COCH_2COCOOC_8H_{17}$ . ( $\alpha,\gamma$ -Diketoisocaprylic acid, 2-ethylhexyl ester).  
Fly spray. 112, 794P.
- 551-572-995-1001.  
Emanthic acid,  $\alpha,\gamma$ -dioxo-, butyl ester;  $C_8H_{17}COCH_2COCOOC_4H_9$ . ( $\alpha,\gamma$ -Diketoeanthic acid, butyl ester).  
Fly spray. 112, 794P.
- 551-572-995-1001.  
Isoeanthic acid,  $\alpha,\gamma$ -dioxo-, butyl ester;  $(CH_3)_2CHCOCH_2COCOOC_4H_9$ . ( $\alpha,\gamma$ -Diketoeanthic acid, butyl ester).  
Fly spray. 112, 794P.
- 551-572-997-1001.  
Caproic acid,  $\alpha,\gamma$ -dioxo-, butyl ester;  $C_8H_{17}COCH_2COCOOC_4H_9$ . ( $\alpha,\gamma$ -Diketocaproic acid, butyl ester).  
Fly spray. 112, 794P.
- 551-572-999-1011.  
Valeric acid,  $\alpha,\gamma$ -dioxo-, ethyl ester;  $CH_3COCH_2COCOOC_2H_5$ . (Ethyl acetyl pyruvate).  
T flies at 1%. 112, 792P.
- 551-572-1001-1045.  
Acids, carboxylic,  $\alpha,\gamma$ -dioxo-,  $\gamma$ -substituted-, alkyl esters;  $RCOCH_2COCOOR'$ . (Carboxylic acid,  $\gamma$ -substituted- $\alpha$   $\gamma$ -dioxo, alkyl ester;  $\gamma$ -substituted- $\alpha,\gamma$ -diketocarboxylic acid esters).  
Fly spray. 112, 794P.
- 551-581-620-1024.  
1, 2-Pyran, 6-carboxylic acid, 2, 2-dimethyl-4-hydroxy-, methyl ester;  $(CH_3)_2C(C_6H_5O)(OH)COOCH_3$ . (Mesityl oxide oxalate methyl ester enol isomer).  
T houseflies at 2-5%. 793P.
- 551-581-625-951-1003-1030.  
2-Furanacrylic acid, *m*-hydroxyphenyl ester;  $(C_6H_5O)CH:CHCOOC_6H_4OH$ . (*m*-Hydroxyphenyl furylacrylate). 552.
- 551-581-625-951-1003-1030.  
2-Furanacrylic acid, *o*-hydroxyphenyl ester;  $(C_6H_5O)CH:CHCOOC_6H_4OH$ . (*o*-Hydroxyphenyl furylacrylate). 552.
- 551-581-625-951-1003-1030.  
2-Furanacrylic acid, *p*-hydroxyphenyl ester;  $(C_6H_5O)CH:CHCOOC_6H_4OH$ . (*p*-Hydroxyphenyl furylacrylate). 552.
- 551-581-625-951-1022.  
Salicylic acid, tetrahydrofurfuryl ester;  $(C_6H_5O)CHCOOC_4H_7OH$ . (Tetrahydrofurfuryl salicylate). 552.
- 551-581-730-740-951-1003-1021.  
Hyoscyamine;  $C_{17}H_{23}O_4N$ .  
ST oriental peach moths. 1094.
- 551-581-730-740-951-1003-1021-1278.  
Hyoscyamine hydrobromide;  $(C_{17}H_{23}O_4N)HBr$ .  
NT tobacco worm moths. 553.
- 551-581-730-740-951-1003-1021-1389.  
Hyoscyamine sulfate;  $(C_{17}H_{23}O_4N)_2H_2SO_4$ .  
T *Aphis rumicis*. 1152.
- 551-581-730-740-951-1003-1021-1389.  
Atropine sulphate;  $(C_{17}H_{23}NO_3)H_2SO_4$ .  
T *Aphis rumicis*; NT Japanese beetle. 1008, 1152.
- 551-581-924-951-1021.  
Salicylic acid, 2-naphthyl ester;  $C_{10}H_7OOC_6H_4OH$ . ( $\beta$ -Naphthyl salicylate).  
MT codling moths; NT clothes moths and screwworms. 156, 739, 915, 1176.
- 551-581-951-999-1021.  
Salicylic acid, amyl ester;  $HOC_6H_4COOC_5H_{11}$ . (Amyl salicylate).  
NT oriental peach moths. 508.
- 551-581-951-1011-1021.  
Benzoic acid, *p*-hydroxy-, ethyl ester;  $HOC_6H_4COOC_2H_5$ .  
T as mothproofing agent. 404P, 870P, 1175.
- 551-581-951-1022.  
Salicylic acid, methyl ester;  $HOC_6H_4COOCH_3$ . (Methyl salicylate).  
T *Lucilia cuprina*; MT *Tenebrio molitor*; NT *Chrysomphalus aurantii*. 268, 841, 949.
- 551-581-951-1022.  
Cresotic acids, methyl esters, CU;  $HOC_6H_4COOCH_3$ . (Benzoic acids, methoxyhydroxy-).  
T as mothproofing agent. 1175, 1383P.
- 551-581-952-1021.  
Salicylic acid, phenyl ester;  $HOC_6H_4COOC_6H_5$ . (Phenyl salicylate; Salol).  
HT codling moths; T roaches and as mothproofing agent; ST screwworms and mosquitoes. 156, 487, 559, 587, 1164P, 1165P, 1175, 1179, 1291.
- 551-581-952-1021.  
Benzoic acid, *o*-tolyl ester;  $C_6H_4COOC_6H_4OH$ . (*o*-Cresyl benzoate).  
T codling moths. 915.
- 551-581-1003-1011.  
Lactic acid, ethyl ester;  $CH_3CH(OH)COOC_2H_5$ . (Ethyl lactate; ethyl 2-hydroxypropanoate).  
HT rice weevil. 1180.
- 551-581-1003-1021.  
Lactic acid, methyl ester;  $CH_3CH(OH)COOCH_3$ . (Methyl lactate; methyl 2-hydroxypropanoate).  
NT rice weevil. 1180.
- 551-581-1011-1021.  
Glycol, monoformate;  $HCHOOC_6H_4OH$ . ( $\beta$ -Hydroxyethylformate).

- NT red scale. 268.  
 551-582-620-625-980-951.  
 Fluorescein;  $C_{20}H_{12}O_5$ . (Resorcinolphthalein).  
 HT codling moth larvae; NT mosquito larvae.  
 487, 1291.  
 551-582-1003-1011.  
 Acetin, mono-;  $CH_3COOCH_2CHOHCH_2OH$ .  
 T *Lucilia cuprina* larvae. 849.  
 551-583-625-989-1011.  
 Mannitan, monolaurate;  $C_{11}H_{23}COO(C_6H_{11}O_4)$ .  
 (NNO).  
 T many insects.  
 551-583-951-1022.  
 Gallic acid, methyl ester;  $(OH)_3C_6H_2COOCH_3$ . (Methyl gallate; methyl ester of 3, 4, 5-trihydroxybenzoic acid).  
 ST screwworms at 0.67%. 156.  
 551-588-852-951-1011-1142.  
 Phenol, 2, 4-dichloro-, copper acetate compound;  $Cl_2C_6H_3OH.Cu(CH_3COO)_2$ . (Copper acetate of 2, 4-dichlorophenol). 362P.  
 551-588-852-951-1011-1244.  
 Phenol, 2, 4-dichloro-, zinc acetate compound;  $Cl_2C_6H_3OH.Zn(CH_3COO)_2$ . (Zinc acetate of 2, 4-dichlorophenol). 362P.  
 551-588-853-951-1012-1142.  
 Toluene, 4-hydroxy-, 2, 3, 5-trichloro-, copper acetate compound;  $Cl_3C_6H_2OH.Cu(CH_3COO)_2$ . (Copper acetate of 2, 3, 5-trichloro-4-hydroxy-1-methylbenzene). 362P.  
 551-591-625-951-1003-1021-1030.  
 Furanacrylic acid, guaiacol ester;  $(C_6H_5O)CH:CHCOOC_6H_4OCH_3$ . (Guaiacol fulylacrylate). 552.  
 551-591-625-951-1022.  
 2-Furoic acid, 2-methoxyphenyl ester;  $(C_6H_5O)COOC_6H_4OCH_3$ . (Guaiacol furoate). 552.  
 551-591-851-951-1011-1022.  
 Benzoic acid, benzoyloxy-, 2-chloroethyl ester, CU;  $C_6H_5CH_2OC_6H_4COOCH_2CH_2Cl$ . (Benzoic acid, phenylmethoxy-, 2-chloroethyl ester).  
 Fly spray. 112, 683P.  
 551-591-851-952-1011-1021.  
 Benzoic acid, *o*-benzyloxy-, 2-chloroethyl ester;  $C_6H_5CH_2OC_6H_4COOCH_2CH_2Cl$ . (Benzoic acid, *o*-phenylmethoxy-, 2-chloroethyl ester).  
 Fly spray. 96P, 112, 685P, 690P, 693P, 694P, 696P.  
 551-591-851-953-1003-1022.  
 Benzoic acid, 2-chloro-4-methoxy-, propyl ester;  $CH_3O(C)C_6H_4COOCH_2CH_2CH_3$ . (Propyl ester of 2-chloro-4-methoxy-1-benzoic acid). 359P.  
 551-591-951-999-1021.  
 Caproic acid, *o*-methoxyphenyl ester;  $C_6H_5COOC_6H_4OCH_3$ . (Guaiacol *n*-caproate).  
 NT *Chrysomphalus aurantii*. 288.  
 551-591-951-1001-1022.  
 Benzoic acid, *o*-methoxy-, butyl ester;  $C_6H_5(OCH_3)COOC_4H_9$ . (*n*-Butyl-*o*-methoxybenzoate).  
 NT *Bombyx mori*. 559.  
 551-591-951-1011-1022.  
 Anisic acid, ethyl ester;  $CH_3OC_6H_4COOC_2H_5$ . (Ethyl anisate).  
 T screwworms at 0.10-0.17%. 150.  
 551-591-951-1022.  
 Anisic acid, methyl ester;  $CH_3OC_6H_4COOCH_3$ . (Methyl anisate).  
 ST screwworms at 0.05-0.08%. 156.  
 551-591-952-1001-1021.  
 Benzoic acid, *o*-phenoxy-, butyl ester;  $C_6H_5OC_6H_4COOC_4H_9$ . (Butyl ester of 2-phenoxy-1-benzoic acid). 359P.  
 551-591-952-1011-1021.  
 Acetic acid, benzyloxy-*o*-phenyl ester;  $C_6H_5CH_2OC_6H_4OOCCH_3$ . (Ether, *o*-acetoxypheyl benzyl).  
 Fly spray. 112, 685P, 690P, 693P, 694P, 695P, 696P.  
 551-591-952-1022.  
 Benzoic acid, *o*-methoxy-, phenyl ester;  $CH_3OC_6H_4COOC_6H_5$ . (Phenyl ester of 2-methoxy-1-benzoic acid). 359P.  
 551-591-952-1023.  
 Benzoic acid, *o*-benzyloxy-, methyl ester;  $C_6H_5CH_2OC_6H_4COOCH_3$ . (Benzoic acid, *o*-phenylmethoxy-, methyl ester; benzyl ether of 2-hydroxy methyl benzoate).  
 Fly spray. 112, 693P.  
 551-591-954-1011-1021-1325.  
 Phosphonium hydroxide, (4-carbethoxyphenoxy) triphenyl-;  $(C_6H_5OOCCH_2O)(C_6H_5)_3POH$ .  
 T as mothproofing agent. 441P, 1179.  
 551-591-989-1012-1109-1389.  
 Diethyleneglycol sulfate, lauryl ester, ammonium salt;  $NH_4OSO_2OCH_2CH_2OCH_2CH_2OCO(CH_2)_{10}CH_3$ . Ammonium lauroyl diethylene glycol sulfate).  
 MT mosquito larvae. 437.  
 551-592-952-1024.  
 Benzoic acid, 3, 5-dimethoxy-, benzyl ester;  $(CH_3O)_2C_6H_3COOCH_2C_6H_5$ . 359P.  
 551-592-1001-1013.  
 Ethanol, 2-(2-butoxyethoxy)-, acetate;  $C_4H_9O(CH_2)_2O(CH_2)_2OOCCH_3$ . (Diethylene glycol monobutyl ether acetate).  
 T black fly. 589P.  
 551-593-951-999-1011-1023.  
 Benzoic acid, 3, 5-dimethoxy-4-ethoxy-, amyl ester;  $C_5H_7O(CH_3O)_2C_6H_3COOC_5H_{11}$ . 359P.  
 551-593-951-1024.  
 Benzene, tetramethoxy-, CU?  $C_6H_2(OCH_3)_4$ . (Methoxy trimethyl gallate).  
 NT *Bombyx mori*. 561.  
 551-625-851-1003-1011-1030.  
 Ethanol, 2-chloro-, 2-furanacrylate;  $C_4H_5OCH:CHCOOC_6H_4Cl$ . (2-Chloroethyl  $\beta$ -furylacrylate). 552.  
 551-625-851-1011-1021.  
 Ethanol, 2-chloro-, furoate;  $C_4H_5OCOOC_6H_4Cl$ . (2-Chloroethyl furoate). 552.  
 551-625-852-1011-1021.  
 Acetic acid, dichloro-, tetrahydrofurfuryl ester;  $CHCl_2COOCH_2(C_4H_7O)$ . (Tetrahydrofurfuryl dichloroacetate). 552.  
 551-625-951-1003-1021-1030.  
 2-Furanacrylic acid, *m*-tolyl ester;  $(C_6H_5O)CH:CHCOOC_6H_4CH_3$ . (*m*-Cresyl furylacrylate). 552.  
 551-625-951-1003-1021-1030.  
 2-Furanacrylic acid, tolyl ester, CU;  $(C_6H_5O)CH:CHCOOC_6H_4CH_3$ . (Cresyl furylacrylate). 552.  
 551-625-951-1003-1021-1030.  
 Cinnamic acid, tetrahydrofurfuryl ester;  $(C_4H_7O)CH:CHCOOCH:CHC_6H_5$ . (Tetrahydrofurfuryl cinnamate). 552.  
 551-625-951-1003-1030.  
 2-Furanacrylic acid, phenyl ester;  $(C_6H_5O)CH:CHCOOC_6H_5$ . (Phenyl furylacrylate). 552.  
 551-625-951-1022.  
 2-Furoic acid, *m*-tolyl ester;  $(C_6H_5O)COOC_6H_4CH_3$ . (*m*-Cresyl furoate). 552.  
 551-625-951-1022.  
 2-Furoic acid, *p*-tolyl ester;  $(C_6H_5O)COOC_6H_4CH_3$ .  
*p*-Cresyl furoate; *p*-tolyl furoate; *p*-tolyl ester of pyromucic acid).  
 MT mosquito larvae. 487, 552.  
 551-625-972-1001-1024-1030.  
 Chrysanthemic acid, furfuryl ester;  $(C_6H_5O)CH_2OOC(C_6H_5)(CH_3)CH:CH(C_6H_5)_2$ . (Chrysanthemum monocarboxylic acid, furfuryl ester).  
 MT *Aphis rumicis*. 650.  
 551-625-999-1021.  
 Pivalic acid, tetrahydrofurfuryl ester;  $(C_4H_7O)CH_3OOC(CH_3)_2$ . (Tetrahydrofurfuryl trimethylacetate). 552.  
 551-625-1003-1021-1030.  
 2-Furanacrylic acid, tetrahydrofurfuryl ester;  $(C_4H_7O)CH_2OOCCH:CH(C_4H_5O)$ . (Tetrahydrofurfuryl  $\beta$ -furylacrylate). 552.  
 551-626-950-1011-1021.  
 Piperonylic acid, ethyl ester;  $CH_2O_2C_6H_5COOC_2H_5$ . (Ethyl piperonylate).  
 NT as synergist with pyrethrum against houseflies. 617.  
 551-659-951-1011-1022.  
 Benzoic acid, (2-hydrazonoethyl)-, ethyl ester?  $H_2N.N:CHCH_2C_6H_4COOC_2H_5$ . (Acetaldehyde phenylcarboxylic acid ethyl ester hydrazone; ethylphenylcarboxylic acid ethyl ester hydrazone; ethylidenehydrazonophenylcarboxylic acid-ethyl ester).  
 T as mothproofing agent. 328P, 330P, 874P, 1170.  
 551-671-951-1011-1021.  
 Benzocaine;  $NH_2C_6H_4COOC_2H_5$ . (Ethyl *p*-aminobenzoate; anaesthesia).  
 NT screwworms. 156.

- 551-671-951-1022.  
Anthranilic acid, methyl ester;  $\text{NH}_2\text{C}_6\text{H}_4\text{COOCH}_3$ .  
(Anthranilate, methyl).  
NT houseflies. 1276.
- 551-681-951-1012.  
Glycine, N-phenyl-, ethyl ester  $\text{C}_6\text{H}_5\text{NHCH}_2\text{COOC}_2\text{H}_5$ .  
Hs.  
T screwworms at 0.33-0.67%. 156.
- 551-681-972-1001-1012-1023-1030.  
Chrysanthemumic acid, diethanolamine ester;  $\text{C}_2\text{H}_5\text{NHC}_2\text{H}_4\text{OOC}(\text{C}_6\text{H}_5)(\text{CH}_3)_2\text{CH}:\text{C}(\text{CH}_3)_2$ . (Chrysanthemum monocarboxylic acid, diethanol amine ester).  
MT *Aphis rumicis*. 650.
- 551-681-975-1027.  
Acids, substituted aminocarboxylic-, esters, CU;  
XIIIRCOOY. 193P.
- 551-701-730-740-983-1022-1030.  
Oleic acid, nicotine cyanide compound. (Nicotine cyanide oleate). 916P.
- 551-701-730-983-1021-1030.  
Oleic acid, pyridine cyanide compound. (Pyridine cyanide oleate). 916P.
- 551-701-951-999-1021-1030.  
2-Buten-1-ol, 1-cyano-, benzoate;  $\text{CH}_3\text{CH}:\text{CHCH}(\text{CN})\text{OOCCH}_2\text{C}_6\text{H}_5$ . (Crotonaldehyde cyanohydrin benzoate). 939P.
- 551-701-961-1011-1021.  
Cyclohexanol, 1-cyano-, acetate;  $\text{CH}_3\text{COO}(\text{C}_6\text{H}_{10})\text{CN}$ . (Cyclohexanone cyanohydrin acetate). 939P.
- 551-701-1012.  
Acetic acid, cyano-, ethyl ester;  $\text{CH}_3(\text{CN})\text{COOC}_2\text{H}_5$ .  
(Ethyl cyanoacetate).  
MT codling moth; NT rice weevil. 915, 1180.
- 551-740-950-1001-1021.  
3-Indolebutyric acid, methyl ester;  $(\text{C}_6\text{H}_5\text{N})\text{C}_6\text{H}_5\text{COOCH}_3$ . (Methylindole butyrate).  
HT *Culex quinquefasciatus*. 157.
- 551-792-924-999-1022.  
1-Naphthoic acid, 2-methoxy-, amyl ester;  $\text{CH}_3\text{OC}_6\text{H}_4\text{COO}(\text{CH}_2)_4\text{C}_6\text{H}_5$ . 359P.
- 551-841-1003-1011.  
Propionic acid,  $\alpha$ -bromo-, ethyl ester;  $\text{CH}_3\text{CHBrCOOC}_2\text{H}_5$ . (Ethyl 1-bromopropionate).  
HT rice weevil. 1180, 1181.
- 551-841-1003-1011.  
Propionic acid,  $\beta$ -bromo-, ethyl ester;  $\text{BrCH}_2\text{CH}_2\text{COOC}_2\text{H}_5$ . (Ethyl  $\beta$ -bromopropionate).  
MT rice weevil. 1180, 1181.
- 551-841-1003-1011.  
Propanol, 2-bromo-, acetate;  $\text{CH}_3\text{COOCH}_2\text{CHBrCH}_3$ .  
( $\beta$ -Bromo n-propyl acetate).  
ST *Sitophilus oryzae*; NT red scale. 268, 1180.
- 551-841-1003-1011.  
Propanol, 3-bromo-, acetate;  $\text{CH}_3\text{COOCH}_2\text{CH}_2\text{CH}_2\text{Br}$ . (3-Bromopropyl acetate;  $\gamma$ -bromopropyl acetate).  
NT red scale and rice weevil. 268, 1180.
- 551-841-1003-1027.  
Propionic acid,  $\alpha$ -bromo-, alkyl ester, CU;  $\text{CH}_3\text{CH}_2\text{BrCOOR}$ . 1181.
- 551-841-1003-1027.  
Propionic acid,  $\beta$ -Bromo-, alkyl esters, CU;  $\text{CH}_2\text{BrCH}_2\text{COOR}$ . 1181.
- 551-841-1011-1021.  
Acetic acid, bromo-, methyl ester;  $\text{CH}_3\text{BrCOOCH}_3$ .  
(Methyl bromoacetate).  
HT rice weevil; NT red scale. 268, 1180, 1181.
- 551-841-1012.  
Ethanol, 2-bromo-, acetate;  $\text{CH}_3\text{COOCH}_2\text{CH}_2\text{Br}$ . (2-Bromoethyl acetate;  $\beta$ -bromoethyl acetate).  
HT rice weevil; ST wireworms. 268, 846, 1180.
- 551-841-1012.  
Acetic acid, bromo-, ethyl ester;  $\text{CH}_3\text{BrCOOCH}_2\text{CH}_3$ .  
(Ethyl bromoacetate; ethyl bromoethanoate).  
HT rice weevil; T red scale. 268, 1180, 1181.
- 551-842-951-1003-1011.  
Hydrocinnamic acid,  $\alpha,\beta$ -dibromo-, ethyl ester;  $\text{C}_6\text{H}_5\text{CHBrCHBrCOOC}_2\text{H}_5$ .  
NT as mothproofing agent. 239.
- 551-851-951-1011-1021.  
Acetic acid, chloro-, benzyl ester;  $\text{C}_6\text{H}_5\text{CH}_2\text{OOCCH}_2\text{CH}_2\text{Cl}$ . (Benzyl chloroacetate).  
NT red scale. 268.
- 551-851-961-1011.  
Acetic acid, chloro-, cyclohexyl ester;  $\text{C}_6\text{H}_{11}\text{OOCCH}_2\text{CH}_2\text{Cl}$ . (Cyclohexanol monochloroacetate).
- HT *Dermestes vulpinus*, cockroaches, flies, ants, aphids and Japanese beetles. 1085P.
- 551-851-989-1011.  
Acetic acid, chloro-, dodecyl ester;  $\text{C}_{12}\text{H}_{25}\text{COOCCH}_2\text{CH}_2\text{Cl}$ . (Chloroacetic acid, n-dodecyl ester).  
Fly spray. 107P, 112.
- 551-851-1001-1011.  
Acetic acid, chloro-, butyl ester;  $\text{CH}_2\text{ClCOOCH}_2\text{CH}_2\text{CH}_2\text{CH}_3$ . (n-Butyl chloroacetate; butyl-2-chloroethanoate).  
HT *Sitophilus oryzae*. 1180, 1181.
- 551-851-1001-1011.  
Acetic acid, chloro-, sec-butyl ester;  $\text{CH}_2\text{ClCOOCH}_2(\text{CH}_3)\text{CH}_2\text{CH}_3$ . (sec-Butyl chloroacetate).  
HT *Sitophilus oryzae*. 1180, 1181.
- 551-851-1003-1011.  
Propionic acid,  $\alpha$ -chloro-, ethyl ester;  $\text{CH}_3\text{CHClCOOCH}_2\text{CH}_3$ . (Ethyl 2-chloropropionate; ethyl 2-chloropropanoate).  
HT rice weevil. 1180, 1181.
- 551-851-1003-1011.  
Acetic acid, chloro-, isopropyl ester;  $\text{CH}_3\text{ClCOOCH}_2(\text{CH}_3)_2$ . (Isopropyl chloroacetate).  
HT rice weevil. 1180, 1181.
- 551-851-1003-1027.  
Propionic acid,  $\beta$ -chloro-, alkyl esters, CU;  $\text{CH}_3\text{CHClCH}_2\text{COOR}$ . 1181.
- 551-851-1011-1021.  
Acetic acid, chloro-, methyl ester;  $\text{CH}_3\text{ClCOOCH}_3$ . (Methyl chloroacetate; methyl chloroethanoate).  
HT *Sitophilus oryzae*; T *Aphis rumicis*. 648, 1180, 1181, 1182P.
- 551-851-1012.  
Acetic acid, chloro-, ethyl ester;  $\text{CH}_3\text{ClCOOCH}_2\text{CH}_3$ . (Ethyl chloroacetate; ethyl chloroethanoate).  
HT *Sitophilus oryzae*. 1180, 1181.
- 551-851-1012.  
Ethanol, 2-chloro-, acetate;  $\text{CH}_3\text{COOCH}_2\text{CH}_2\text{Cl}$ . ( $\beta$ -Chloroethyl acetate).  
HT *Sitophilus oryzae*; T wireworms. 846, 1180.
- 551-852-951-1021.  
Phenol, 2, 4-dichloro-, formate;  $(\text{Cl})_2\text{C}_6\text{H}_3\text{OOCH}$ . (Formate of 2, 4-dichlorophenol). 362P.
- 551-852-1011-1021.  
Ethanol, 2, 2-dichloro-, formate;  $\text{Cl}_2\text{CHCH}_2\text{OOCH}$ . ( $\beta,\beta'$ -Dichloroethyl carbonate).  
ST codling moth. 915.
- 551-852-1011-1027.  
Acetic acid, dichloro-, alkyl esters, CU;  $\text{CHCl}_2\text{COOR}$ . 1181.
- 551-852-1012.  
Acetic acid, dichloro-, ethyl ester;  $\text{CHCl}_2\text{COOCH}_2\text{CH}_3$ . (Ethyl dichloroacetate; ethyl dichloroethanoate).  
HT rice weevil. 1180, 1181.
- 551-852-1012.  
Ethanol, 2-chloro-, chloroacetate;  $\text{Cl}(\text{CH}_2)_2\text{OOCCH}_2\text{CH}_2\text{Cl}$ . ( $\beta$ -Chloroethyl monochloroacetate).  
T *Dermestes vulpinus*. 1085P.
- 551-853-951-1012.  
Benzyl alcohol,  $\alpha$ -(trichloromethyl)-, acetate;  $\text{C}_6\text{H}_5\text{CH}(\text{CCl}_3)\text{OOCCH}_3$ . (Trichloromethylphenylcarbinol acetate). 851P.
- 551-853-951-1022.  
p-Cresol, 2, 3, 5-trichloro-, formate;  $\text{CH}_3\text{Cl}_3\text{C}_6\text{H}_2\text{OOCH}$ . (Formate of 2, 3, 5-trichloro-4-hydroxy-1-methylbenzene). 362P.
- 551-853-1001-1011.  
Chloretone acetate;  $\text{Cl}_2\text{CC}(\text{CH}_3)_2\text{OOCCH}_3$ . (Acetone-chloroform acetate; tertiary trichlorobutyl acetate). 851P.
- 551-853-1001-1011.  
2-Propanol, 1, 3-dichloro-, 2-chloromethyl-, acetate;  $\text{CH}_3\text{COOC}(\text{CH}_2\text{Cl})_2$ . ( $\beta,\beta,\beta'$ -Trichloroisobutyl acetate).  
NT red scale. 268.
- 551-853-1003-1011.  
2-Propanol, 1, 3-dichloro-, chloroacetate;  $(\text{CH}_2\text{Cl})_2\text{COOCCl}_2$ . ( $\beta,\beta'$ -Dichloroisopropyl monochloroacetate).  
T *Dermestes vulpinus*. 1085P.
- 551-853-1003-1011.  
2-Propanol, 1, 2, 3-trichloro-, acetate;  $(\text{CH}_2\text{Cl})_3\text{COOCH}_3$ ? (Trichloroisopropyl acetate). 851P.

- 551-853-1011-1027.  
Acetic acid, trichloro-, alkyl ester, CU;  $\text{CCl}_3\text{COOR}$ . 1181.
- 551-853-1012.  
Acetic acid, trichloro-, ethyl ester;  $\text{CCl}_3\text{COOCH}_2\text{CH}_3$  (Ethyl trichloroacetate).  
HT rice weevil, 1180, 1181.
- 551-854-951-1012.  
Benzyl alcohol, *p*-chloro- $\alpha$ -(trichloromethyl)-, acetate;  $\text{ClC}_6\text{H}_4\text{CH}(\text{CCl}_3)\text{OOCCH}_3$ . (Trichloromethyl-*p*-chlorophenylcarbinol acetate). 851P.
- 551-854-1001-1011.  
Chlortone chloroacetate;  $\text{ClCH}_2\text{COOC}(\text{CH}_3)_2\text{CCl}_3$ . (Acetone-chloroform monochloroacetate). 851P.
- 551-912-1012.  
Acetic acid, 9-fluorenyl ester;  $(\text{C}_{10}\text{H}_7)\text{OOCCH}_3$ . (9-Fluorenyl acetate).  
NT screwworm larvae. 944.
- 551-924-951-1021.  
Benzoic acid, 2-naphthyl ester;  $\text{C}_{10}\text{H}_7\text{OOCCH}_3$ . ( $\beta$ -Naphthyl benzoate).  
NT Clothes moths. 739, 1176.
- 551-924-951-1021.  
Benzoic acid, naphthyl ester, CU;  $\text{C}_{10}\text{H}_7\text{OOCCH}_3$ . (Naphthyl benzoate).  
ST Japanese beetle; NT *Tineola biselliella* and *Attagenus piceus*. 494, 739.
- 551-924-972-1001-1023-1030.  
Chrysanthemic acid, 1-naphthyl ester;  $\text{C}_{10}\text{H}_7\text{OOC}(\text{C}_6\text{H}_5)(\text{CH}_3)_2\text{CH}:\text{C}(\text{CH}_3)_2$ . (Chrysanthemum monocarboxylic acid,  $\alpha$ -naphthyl ester).  
ST *Aphis rumicis*. 650.
- 551-951-989-1021.  
Benzoic acid, dodecyl ester;  $\text{C}_{12}\text{H}_{25}\text{COOCCH}_3$ . (Benzoic acid,  $n$ -dodecyl ester).  
Fly spray. 107P, 112.
- 551-951-999-1021.  
Benzoic acid, amyl ester;  $\text{C}_6\text{H}_5\text{COOC}_5\text{H}_{11}$ . (Amyl benzoate).  
T tobacco worm moths. 1012.
- 551-951-999-1021.  
Benzoic acid, isomyl ester;  $\text{C}_6\text{H}_5\text{COOC}_5\text{H}_{11}$ . (Iso-amyl benzoate; 3-methyl-1-butanol benzoate).  
NT red scale. 268.
- 551-951-1001-1011.  
 $\alpha$ -Toluic acid, isobutyl ester;  $\text{C}_6\text{H}_4\text{CHCOOCCH}_3$ . (Iso-butyl phenylacetate).  
ST oriental peach moth. 1094.
- 551-951-1001-1011.  
Valeric acid, phenethyl ester;  $\text{CH}_3(\text{CH}_2)_3\text{COOCCH}_2\text{C}_6\text{H}_5$ . (Phenyl ethyl valerate).  
ST wireworms. 846.
- 551-951-1001-1021.  
Benzoic acid, butyl ester;  $\text{C}_6\text{H}_5\text{COOCCH}_2\text{CH}_3$ . (*n*-Butyl benzoate; butyl benzenecarboxylate).  
NT red scale. 268.
- 551-951-1001-1021.  
Benzoic acid, isobutyl ester;  $\text{C}_6\text{H}_5\text{COOCH}_2\text{CH}(\text{CH}_3)_2$ . (Isobutylbenzoate;  $\beta$ -methylpropyl benzenecarboxylate).  
NT red scale. 268.
- 551-951-1001-1021.  
Butyric acid, benzyl ester;  $\text{CH}_3(\text{CH}_2)_2\text{CO}_2\text{CH}_2\text{C}_6\text{H}_5$ . (Benzyl butyrate).  
NT red scale. 268.
- 551-951-1003-1011-1030.  
Cinnamic acid, ethyl ester;  $\text{C}_6\text{H}_5\text{CH}:\text{CHCOOCCH}_3$ . (Ethyl cinnamate).  
T oriental peach moth. 508.
- 551-951-1003-1021-1030.  
Cinnamic acid, methyl ester;  $\text{C}_6\text{H}_5\text{CH}:\text{CHCOOCH}_3$ . (Methyl cinnamate).  
Attractant for oriental peach moth; NT wireworms. 508, 846.
- 551-951-1011-1021.  
Acetic acid, benzyl ester;  $\text{CH}_3\text{COOCH}_2\text{C}_6\text{H}_5$ . (Benzyl acetate).  
T *Aphis rumicis* and as mothproofing agent; NT red scale. 268, 1152, 1175, 1455P.
- 551-951-1011-1021.  
Benzoic acid, ethyl ester;  $\text{C}_6\text{H}_5\text{COOC}_2\text{H}_5$ . (Ethyl benzoate).  
T *Lucilia cuprina* larvae. 849.
- 551-951-1021-1045.  
Benzyl alcohol, esters, CU;  $\text{C}_6\text{H}_5\text{CH}_2\text{OOCR}$ . (Benzyl esters).  
T as mothproofing agent. 4P, 413P, 1175.
- 551-951-1022-1356.  
Phosphoric acid, tris (2-carbomethoxyphenyl) ester;  $(\text{C}_6\text{H}_4\text{COOCH}_3)_3\text{PO}_4$ . (Tri-(2-carbomethoxyphenyl) phosphate). 1016P.
- 551-951-1045.  
Phenol esters.  
T as mothproofing agent. 1101P, 1176.
- 551-951-1356.  
Phosphoric acid, tris (carboalkoxyphenyl) ester;  $(\text{ROOCC}_6\text{H}_4)_3\text{PO}_4$ . (Tri-(carboalkoxy-phenyl) phosphate). 1016P.
- 551-952-1003-1011-1030.  
Cinnamic acid, phenethyl ester;  $\text{C}_6\text{H}_5(\text{CH}_2)_2\text{COO}(\text{CH}_2)_2\text{C}_6\text{H}_5$ . ( $\beta$ -Phenyl ethyl cinnamate).  
NT *Bombyx mori* larvae. 559.
- 551-952-1003-1021-1030.  
Cinnamic acid, benzyl ester;  $\text{C}_6\text{H}_5\text{CH}:\text{CHCOOCH}_2\text{C}_6\text{H}_5$ . (Cinnamate benzyl).  
T houseflies. 1276.
- 551-952-1021.  
Benzoic acid, phenyl ester;  $\text{C}_6\text{H}_5\text{COOC}_6\text{H}_5$ . (Phenylbenzoate).  
NT screwworms. 156.
- 551-952-1021-1111.  
Stibine diphenyl-, acetate;  $(\text{C}_6\text{H}_5)_2\text{SbOOCCH}_3$ .  
T clothes moths. 639P.
- 551-952-1022.  
Benzoic acid, benzyl ester;  $\text{C}_6\text{H}_5\text{COOCH}_2\text{C}_6\text{H}_5$ . (Benzoate benzyl).  
MT tobacco worm moths; T houseflies. 1012, 1276.
- 551-952-1022.  
*m*-Cresol benzoate;  $\text{C}_6\text{H}_4\text{COOCCH}_2\text{CH}_3$ .  
NT screwworms. 156.
- 551-952-1022.  
*p*-Cresol benzoate;  $\text{C}_6\text{H}_4\text{COOCCH}_2\text{CH}_3$ .  
NT screwworms. 156.
- 551-952-1022-1356.  
Phosphoric acid, *o*-carbomethoxyphenyl-, diphenyl ester;  $(\text{C}_6\text{H}_5)_2\text{C}_6\text{H}_4(\text{COOCH}_3)_2\text{PO}_4$ . [(2-Carbomethoxy-phenyl) diphenyl phosphate]. 1016P.
- 551-953-1012-1193-1291.  
Phosphonium chloride,  $\omega$ -carbomethoxymethyltriphenyl-;  $(\text{C}_6\text{H}_5)_3\text{CCH}_2\text{OOCCH}_3\text{P}(\text{C}_6\text{H}_5)_3$ .  
T as mothproofing agent. 394P, 395P, 867P, 871P, 1175, 1176, 1179.
- 551-957-1003-1011-1021.  
 $\alpha$ -Terpineol acetate;  $\text{C}_{10}\text{H}_{17}\text{OOCCH}_3$ . (Terpinyl acetate).  
T wireworms, flies, oriental peach moth, and other insects. 508, 592P, 846.
- 551-957-1003-1021-1045.  
 $\alpha$ -Terpineol esters. (Terpinyl esters).  
T flies and other insects; fly spray. 93P, 94P, 112, 592P.
- 551-957-1004-1021.  
 $\alpha$ -Terpineol propionate. (Terpinyl propionate).  
T flies and other insects. 592P.
- 551-961-991.  
Capric acid, cyclohexyl ester;  $\text{CH}_3(\text{CH}_2)_8\text{COOC}_6\text{H}_{11}$ . (Cyclohexyl caprate). 1174P.
- 551-961-1003-1011-1021.  
Borneol acetate;  $\text{C}_{10}\text{H}_{17}\text{OOCCH}_3$ . (Bornyl acetate).  
T wireworms. 846.
- 551-972-980-1001-1023-1030.  
Chrysanthemic acid, ceryl ester;  $\text{C}_{26}\text{H}_{53}\text{OOC}(\text{C}_8\text{H}_{17})(\text{CH}_2)_2\text{CH}:\text{C}(\text{CH}_3)_2$ . (Chrysanthemum monocarboxylic acid, ceryl ester).  
MT *Aphis rumicis*. 650.
- 551-972-985-1001-1023-1030.  
Chrysanthemic acid, cetyl ester;  $\text{C}_{18}\text{H}_{35}\text{OOC}(\text{C}_8\text{H}_{17})(\text{CH}_2)_2\text{CH}:\text{C}(\text{CH}_3)_2$ . (Chrysanthemum monocarboxylic acid, cetyl ester).  
MT *Aphis rumicis*. 650.
- 551-972-987-1001-1023-1030.  
Chrysanthemic acid, tetradecyl ester;  $\text{C}_{14}\text{H}_{29}\text{OOC}(\text{C}_8\text{H}_{17})(\text{CH}_2)_2\text{CH}:\text{C}(\text{CH}_3)_2$ . (Chrysanthemum monocarboxylic acid, myristyl ester).  
MT *Aphis rumicis*. 650.
- 551-972-980-1001-1023-1030.  
Chrysanthemic acid, dodecyl ester;  $\text{C}_{12}\text{H}_{25}\text{OOC}(\text{C}_8\text{H}_{17})(\text{CH}_2)_2\text{CH}:\text{C}(\text{CH}_3)_2$ . (Chrysanthemum monocarboxylic acid, lauryl ester).  
MT *Aphis rumicis*. 650.



- (C<sub>5</sub>H<sub>7</sub>)(CH<sub>2</sub>)<sub>2</sub>CH:C(CH<sub>3</sub>)<sub>2</sub>. (Chrysanthemum monocarboxylic acid, lauryl ester).  
MT *Aphis rumicis*. 650.
- 551-972-990-1001-1023-1030.  
Chrysanthemumic acid, 2-hendecyl ester; C<sub>11</sub>H<sub>22</sub>OOC-(C<sub>5</sub>H<sub>7</sub>)(CH<sub>2</sub>)<sub>2</sub>CH:C(CH<sub>3</sub>)<sub>2</sub>. (Chrysanthemum monocarboxylic acid, undecyl-2 ester).  
MT *Aphis rumicis*. 650.
- 551-972-991-1001-1023-1030.  
Chrysanthemumic acid, decyl ester; C<sub>10</sub>H<sub>21</sub>OOC-(C<sub>5</sub>H<sub>7</sub>)(CH<sub>2</sub>)<sub>2</sub>CH:C(CH<sub>3</sub>)<sub>2</sub>. (Chrysanthemum monocarboxylic acid, n-decyl ester).  
MT *Aphis rumicis*. 650.
- 551-972-993-1001-1023-1030.  
Chrysanthemumic acid, octyl ester; C<sub>8</sub>H<sub>17</sub>OOC-(C<sub>5</sub>H<sub>7</sub>)(CH<sub>2</sub>)<sub>2</sub>CH:C(CH<sub>3</sub>)<sub>2</sub>. (Chrysanthemum monocarboxylic acid, octyl ester).  
MT *Aphis rumicis*. 650.
- 551-972-997-1001-1023-1030.  
Chrysanthemumic acid, hexyl ester; C<sub>6</sub>H<sub>13</sub>OOC-(C<sub>5</sub>H<sub>7</sub>)(CH<sub>2</sub>)<sub>2</sub>CH:C(CH<sub>3</sub>)<sub>2</sub>. (Chrysanthemum monocarboxylic acid, hexyl ester).  
ST *Aphis rumicis*. 650.
- 551-972-999-1001-1023-1030.  
Chrysanthemumic acid, amyl ester; C<sub>5</sub>H<sub>11</sub>OOC-(C<sub>5</sub>H<sub>7</sub>)(CH<sub>2</sub>)<sub>2</sub>CH:C(CH<sub>3</sub>)<sub>2</sub>. (Chrysanthemum monocarboxylic acid, n-amyl ester).  
ST *Aphis rumicis*. 650.
- 551-972-999-1001-1023-1030.  
Chrysanthemumic acid, isomyl ester; (Chrysanthemum monocarboxylic acid, isomyl ester).  
ST *Aphis rumicis*. 650.
- 551-972-999-1001-1023-1030.  
Chrysanthemumic acid, tert-amyl ester; (Chrysanthemum monocarboxylic acid, tertiary amyl ester).  
ST *Aphis rumicis*. 650.
- 551-972-1001-1003-1023-1030.  
Chrysanthemumic acid, propyl ester; C<sub>3</sub>H<sub>7</sub>OOC-(C<sub>5</sub>H<sub>7</sub>)(CH<sub>2</sub>)<sub>2</sub>CH:C(CH<sub>3</sub>)<sub>2</sub>. (Chrysanthemum monocarboxylic acid, n-propyl ester).  
ST *Aphis rumicis*. 650.
- 551-972-1001-1003-1023-1030.  
Chrysanthemumic acid, isopropyl ester; (Chrysanthemum monocarboxylic acid, isopropyl ester).  
ST *Aphis rumicis*. 650.
- 551-972-1001-1011-1023-1030.  
Chrysanthemumic acid, ethyl ester; C<sub>2</sub>H<sub>5</sub>OOC-(C<sub>5</sub>H<sub>7</sub>)(CH<sub>2</sub>)<sub>2</sub>CH:C(CH<sub>3</sub>)<sub>2</sub>. (Chrysanthemum monocarboxylic acid, ethyl ester).  
MT *Aphis rumicis*. 650.
- 551-972-1002-1023-1030.  
Chrysanthemumic acid, butyl ester; C<sub>4</sub>H<sub>9</sub>OOC-(C<sub>5</sub>H<sub>7</sub>)(CH<sub>2</sub>)<sub>2</sub>CH:C(CH<sub>3</sub>)<sub>2</sub>. (Chrysanthemum monocarboxylic acid, n-butyl ester).  
MT *Aphis rumicis*. 650.
- 551-972-1002-1023-1030.  
Chrysanthemumic acid, isobutyl ester; (Chrysanthemum monocarboxylic acid, isobutyl ester).  
MT *Aphis rumicis*. 650.
- 551-972-1002-1023-1030.  
Chrysanthemumic acid, sec-butyl ester; (Chrysanthemum monocarboxylic acid, secondary butyl ester).  
ST *Aphis rumicis*. 650.
- 551-972-1002-1023-1030.  
Chrysanthemumic acid, tert-butyl ester; (Chrysanthemum monocarboxylic acid, tertiary butyl ester).  
MT *Aphis rumicis*. 650.
- 551-983-1021.  
Stearic acid, methyl ester; C<sub>17</sub>H<sub>35</sub>COOCH<sub>3</sub>. (Methyl stearate; methyl octadecanoate).  
NT *Aphis rumicis*. 1378.
- 551-983-1021-1030.  
Oleic acid, methyl ester; C<sub>17</sub>H<sub>33</sub>COOCH<sub>3</sub>.  
HT *Aphis rumicis*. 1378.
- 551-989-1021.  
Lauric acid, methyl ester; C<sub>11</sub>H<sub>23</sub>COOCH<sub>3</sub>. (Methyl laurate; dodecylate).  
HT *Aphis rumicis*. 1378.
- 551-989-1021.  
Formic acid, dodecyl ester; HCOOC<sub>12</sub>H<sub>25</sub>. (Formic acid, n-dodecyl ester).  
Fly spray. 107P, 112.
- 551-989-1045.  
Dodecyl alcohol, esters. (n-Dodecyl esters).  
T lower forms of life. 107P.
- 551-990-1021.  
Hendecanoic acid, methyl ester; C<sub>10</sub>H<sub>21</sub>COOCH<sub>3</sub>. (Methyl undecenoate).  
HT *Aphis rumicis*. 1378.
- 551-991-1011-1030.  
Rhodinol acetate; CH<sub>3</sub>COOCH<sub>2</sub>CH<sub>2</sub>CH(CH<sub>3</sub>)CH<sub>2</sub>-CH<sub>2</sub>CH:C(CH<sub>3</sub>)CH<sub>3</sub>. (2, 6-Dimethylocten-2-ol-8 acetate).  
NT wireworms. 846.
- 551-991-1011-1033.  
Geraniol acetate; (CH<sub>3</sub>)<sub>2</sub>C:CHC<sub>2</sub>H<sub>4</sub>C(CH<sub>3</sub>)<sub>2</sub>CHCH<sub>2</sub>-OOCCH<sub>3</sub>. (Geranyl acetate).  
T *Lucilia cuprina*; ST wireworms; attractant for *Desmometopa* sp.; not attractive to oriental peach moth. 508, 846, 849, 899.
- 551-991-1011-1033.  
Linalol acetate; (CH<sub>3</sub>)<sub>2</sub>C:CHC<sub>2</sub>H<sub>4</sub>C(CH<sub>3</sub>)(CH<sub>2</sub>)<sub>2</sub>-OOCCH<sub>3</sub>. (Linalyl acetate).  
T *Lucilia cuprina* larvae; ST wireworms. 846, 849.
- 551-993-999.  
Caprylic acid, amyl ester; CH<sub>3</sub>(CH<sub>2</sub>)<sub>6</sub>COOCH<sub>2</sub>-(CH<sub>2</sub>)<sub>5</sub>CH<sub>3</sub>. (Amyl caprylate).  
NT wireworms. 846.
- 551-993-999.  
Caprylic acid, isomyl ester; C<sub>7</sub>H<sub>15</sub>COOCH<sub>2</sub>CH<sub>2</sub>CH-(CH<sub>3</sub>)<sub>2</sub>. (Isoamyl n-caprylate; γ-methylbutyl octanoate).  
NT red scale. 268.
- 551-993-1001-1033.  
Geraniol butyrate; (CH<sub>3</sub>)<sub>2</sub>C:CHC<sub>2</sub>H<sub>4</sub>C(CH<sub>3</sub>)<sub>2</sub>CH-CH<sub>2</sub>COOC<sub>2</sub>H<sub>5</sub>. (Geranyl butyrate).  
ST *Desmometopa* sp. 899.
- 551-993-1011.  
2-Octanol acetate; C<sub>8</sub>H<sub>17</sub>CH(CH<sub>3</sub>)OOCCH<sub>3</sub>. (sec-Octyl acetate).  
T *Sitophilus oryza*. 1180.
- 551-993-1021.  
Caprylic acid, methyl ester; C<sub>7</sub>H<sub>15</sub>COOCH<sub>3</sub>. (Methyl caprylate; methyl octanoate).  
HT *Aphis rumicis*; NT wireworms; NT *Sitophilus oryza*. 846, 1180, 1378.
- 551-993-1021.  
Formic acid, octyl ester; HCOO(CH<sub>2</sub>)<sub>7</sub>CH<sub>3</sub>. (Octyl formate).  
MT wireworms. 846.
- 551-995-1011.  
Acetic acid, heptyl ester; CH<sub>3</sub>COOC<sub>7</sub>H<sub>15</sub>. (n-Heptyl acetate).  
T *Sitophilus oryza*. 1180.
- 551-995-1011.  
Enanthic acid, ethyl ester; C<sub>8</sub>H<sub>17</sub>COOC<sub>2</sub>H<sub>5</sub>. (Ethyl n-heptylate; ethyl heptanoate).  
NT rice weevil. 1180.
- 551-995-1021.  
Enanthic acid, methyl ester; C<sub>8</sub>H<sub>17</sub>COOCH<sub>3</sub>. (Methyl n-heptylate; methyl heptanoate).  
HT *Aphis rumicis*; NT rice weevil. 1180, 1378.
- 551-997-999.  
Caproic acid, isomyl ester; CH<sub>3</sub>(CH<sub>2</sub>)<sub>4</sub>COOC<sub>2</sub>H<sub>5</sub>. (Isoamyl n-caproate; γ-methyl butyl hexanoate).  
NT red scale. 268.
- 551-997-1001.  
Caproic acid, butyl ester; C<sub>6</sub>H<sub>13</sub>COOC<sub>2</sub>H<sub>5</sub>. (n-Butyl n-caproate; butyl hexanoate).  
NT red scale and silkworm. 268, 559.
- 551-997-1001.  
Caproic acid, isobutyl ester; CH<sub>3</sub>(CH<sub>2</sub>)<sub>4</sub>COOCH<sub>2</sub>-CH(CH<sub>3</sub>)<sub>2</sub>. (Iso-butyl caproate).  
ST red scale; NT *Bombyx mori* larvae. 268, 559.
- 551-997-1011.  
Caproic acid, ethyl ester; C<sub>6</sub>H<sub>13</sub>COOC<sub>2</sub>H<sub>5</sub>. (Ethyl n-caproate; ethyl hexanoate).  
NT rice weevil. 1180.
- 551-997-1021.  
Caproic acid, methyl ester; C<sub>6</sub>H<sub>13</sub>COOCH<sub>3</sub>. (Methyl caproate; hexylate; methyl hexanoate).  
MT *Aphis rumicis* and wireworms; NT rice weevil. 846, 1180, 1378.
- 551-999-1001.  
Butyric acid, amyl ester; C<sub>3</sub>H<sub>7</sub>COO(CH<sub>2</sub>)<sub>4</sub>CH<sub>3</sub>. (n-Amyl n-butyrate; pentyl butanoate).  
NT red scale. 268.
- 551-999-1001.  
Butyric acid, isomyl ester; C<sub>3</sub>H<sub>7</sub>COOC<sub>2</sub>H<sub>5</sub>. (Iso-

- T *Lucilia cuprina* and *Chrysomphalus aurantii*. 268, 849.
- 551-1011-1021.  
Formic acid, ethyl ester;  $\text{HCOOC}_2\text{H}_5$ . (Ethyl formate; ethyl methanoate).  
Used for fumigation of raisins, dried fruits, nuts, other foodstuffs, and stored tobacco; NT *Chrysomphalus aurantii*. 27, 268, 494, 1047, 1184.
- 551-1012.  
Acetic acid, ethyl ester;  $\text{CH}_3\text{COOC}_2\text{H}_5$ . (Ethyl acetate).  
T *Lucilia cuprina* and as mothproofing agent; NT red scale. 268, 849, 1175, 1241P, 1242P.
- 551-1012-1030.  
Acetic acid, vinyl ester;  $\text{CH}_3\text{COOC}=\text{CH}_2$ . (Vinyl acetate).  
ST *Chrysomphalus aurantii*. 268.
- 551-1022.  
Formic acid, methyl ester;  $\text{HCOOCH}_3$ . (Methyl formate; methyl methanoate).  
HT *Aphis rumicis*; T *Lucilia cuprina*; ST red scale. 27, 257, 268, 763, 849, 1180, 1378.
- 552-571-1014.  
Oxalacetic acid, diethyl ester;  $\text{C}_2\text{H}_5\text{OOC}\text{COCH}_2\text{COOC}_2\text{H}_5$ . (Oxalacetic ester).  
T as mothproofing agent. 684P, 1175.
- 552-572-950-989-1021.  
Cinnamic acid,  $\alpha$ -acetyl-, 2-ethylhexyl ester?  $\text{CH}_3\text{COC}(\text{CH}_2\text{C}_6\text{H}_5)\text{COOCH}_2\text{CH}(\text{C}_2\text{H}_5)\text{C}_6\text{H}_5$ ? (Benzal-2-ethylhexylaceto-acetate). 1195P.
- 552-581-951-1002-1022.  
Phthalic acid, 4-hydroxy-, dibutyl ester;  $\text{HOOC}_2\text{H}_4(\text{COOC}_4\text{H}_9)_2$ . (1-Hydroxyphenyl-3, 4-dicarboxylic acid dibutyl ester; 1-hydroxy-3, 4-phthalic acid ester).  
T as mothproofing agent. 404P, 1175.
- 552-581-1001-1012.  
Malic acid, ethyl ester;  $\text{C}_2\text{H}_5\text{OOCCH}_2\text{CH}(\text{OH})\text{COOC}_2\text{H}_5$ . (Ethyl malate).  
ST *Rhagoletis pomonella*. 899.
- 552-581-1003-1012.  
Acetin,  $\alpha,\gamma$ -di-  $\text{CH}_3\text{COOCH}_2\text{CH}(\text{OH})\text{CH}_2\text{OOCCH}_3$ . (Diacetin).  
T *Lucilia cuprina* larvae. 849.
- 552-582-1002.  
Tartaric acid,  $d$ -dibutyl ester;  $\text{C}_4\text{H}_6\text{OOC}(\text{CH}_2\text{OH})_2\text{OOC}_2\text{H}_5$ . ( $n$ -Butyl  $d$ -tartrate).  
NT red scale. 268.
- 552-591-952-1011-1021.  
Benzoic acid,  $o$ -acetoxy-, phenyl ester;  $\text{CH}_3\text{COOC}_6\text{H}_4\text{COOC}_6\text{H}_5$ . (Phenyl ester of 2-acetoxy-1-benzoic acid). 359P.
- 552-592-951-1012-1022.  
Phthalic acid, bis(2-methoxyethyl) ester;  $\text{C}_6\text{H}_4(\text{COOCH}_2\text{CH}_2\text{OCH}_3)_2$ . ( $\beta$ -Methoxy ethyl phthalate).  
NT *Bombus mori* larvae. 559.
- 552-592-951-1014.  
Phthalic acid, bis(2-ethoxyethyl) ester;  $\text{C}_6\text{H}_4(\text{COOCH}_2\text{CH}_2\text{OC}_2\text{H}_5)_2$ . ( $\beta$ -Ethoxy ethyl phthalate).  
NT *Bombus mori* larvae. 559.
- 552-592-1012-1022-1286.  
Carbonic acid, bis(2-methoxyethyl) ester;  $\text{OC}(\text{OCH}_2\text{CH}_2\text{OCH}_3)_2$ . ( $\beta$ -Methoxy ethyl carbonate).  
NT *Bombus mori* larvae. 559.
- 552-621-1045.  
 $p$ -Dioxane, 2, 3-diol-, esters, CU;  $\text{RCOO}(\text{C}_4\text{H}_9\text{O}_2)\text{OOCR}'$ . (Esters of 1, 4-dioxane-2, 3-diol). 1299P.
- 552-625-951-1004-1033.  
Resorcinol, bis(2-furanacrylate);  $[(\text{C}_4\text{H}_5\text{O})\text{CH}:\text{CH}:\text{COO}]_2\text{C}_6\text{H}_4$ . (Resorcinol difurylacrylate). 552.
- 552-625-951-1022.  
Pyrocatechol di(2-furoate);  $[(\text{C}_4\text{H}_5\text{O})\text{COO}]_2\text{C}_6\text{H}_4$ . (Catechol difuroate). 552.
- 552-625-951-1022.  
Hydroquinone di(2-furoate);  $[(\text{C}_4\text{H}_5\text{O})\text{COO}]_2\text{C}_6\text{H}_4$ . (Hydroquinone difuroate). 552.
- 552-625-951-1022.  
Resorcinol di(2-furoate);  $[(\text{C}_4\text{H}_5\text{O})\text{COO}]_2\text{C}_6\text{H}_4$ . (Resorcinol difuroate). 552.
- 552-625-1003-1011-1021.  
Oxalic acid, propyl tetrahydrofurfuryl ester;  $(\text{C}_3\text{H}_7\text{O})\text{CH}_2\text{OOC}\text{COOC}_3\text{H}_7$ . (Tetrahydrofurylpropyl oxalate). 552.
- 552-625-1011-1022.  
Oxalic acid, bis(tetrahydrofurfuryl) ester;  $[(\text{C}_4\text{H}_7\text{O})\text{CH}_2\text{OOC}]_2$ . (Tetrahydrofurfuryl oxalate). 552.
- 552-670-994-1004-1021.  
Cyanamide, bis(carbomethoxy-2-ethyl)-;  $[\text{C}_2\text{H}_5\text{OOC}-\text{CH}_2\text{CH}_2]_2\text{NCN}$ . ( $\beta,\beta'$ -Dicarbomethoxy diethyl cyanamide). 669P.
- 552-670-1002-1012-1021.  
Cyanamide, bis(carbobutoxy-2-ethyl)-;  $[\text{C}_4\text{H}_9\text{OOC}-\text{CH}_2\text{CH}_2]_2\text{NCN}$ . ( $\beta,\beta'$ -Dicarbobutoxy diethyl cyanamide). 669P.
- 552-670-1004-1023.  
Cyanamide, bis(carbomethoxy-2-ethyl)-;  $[\text{CH}_3\text{OOC}-\text{CH}_2\text{CH}_2]_2\text{NCN}$ . ( $\beta,\beta'$ -Dicarbomethoxy diethyl cyanamide). 669P.
- 552-672-952-1011.  
Oxalic acid, bis( $p$ -aminophenyl) ester;  $(-\text{COOC}_6\text{H}_4\text{NH}_2)_2$ . ( $p$ -Amino phenol oxalate).  
NT silkworm. 559.
- 552-692-952-1011-1021.  
Oxalic acid, bis( $p$ -dimethylaminophenyl) ester;  $[-\text{COOC}_6\text{H}_4\text{N}(\text{CH}_3)_2]_2$ . ( $p$ -Dimethylamine phenyl oxalate).  
T codling moth; ST silkworm. 561.
- 552-730-740-951-1024-1291.  
Cocaine hydrochloride;  $\text{C}_{17}\text{H}_{21}\text{NO}_4\cdot\text{HCl}$ .  
T *Aphis rumicis*. 1152.
- 552-851-1004-1033-1045.  
Acids, dicarboxylic, aliphatic (cycloaliphatic and aromatic) diallyl and bis(2-chloroallyl) ester. (Dibasic acid, diallyl esters).  
Fly spray. 112, 1127P.
- 552-852-924-1004-1022-1030.  
1, 2-Naphthalenedicarboxylic acid, bis(2-chloroallyl) ester;  $\text{C}_{10}\text{H}_6(\text{COOCH}_2\text{CHCl}\cdot\text{CH}_2)_2$ . (1, 2-Naphthalenedicarboxylic acid, di-(2-chloroallyl) ester).  
Fly spray. 112, 216P.
- 552-852-951-1004-1022-1030.  
Phthalic acid, bis(2-chloroallyl) ester;  $\text{C}_6\text{H}_4(\text{COOCH}_2\text{CHCl}\cdot\text{CH}_2)_2$ . (Phthalic acid, di-(2-chloroallyl) ester).  
Fly spray. 112, 216P.
- 552-852-991-1004-1033.  
Sebacic acid, bis(2-chloroallyl) ester;  $(\text{CH}_2)_8(\text{COOCH}_2\text{CHCl}\cdot\text{CH}_2)_2$ . (Sebacic acid, di-(2-chloroallyl) ester).  
Fly spray. 112, 216P.
- 552-852-995-1003-1033.  
Pimelic acid, bis(2-chloroallyl) ester;  $(\text{CH}_2)_6(\text{COOCH}_2\text{CHCl}\cdot\text{CH}_2)_2$ . (Pimelic acid, di-(2-chloroallyl) ester).  
Fly spray. 112, 216P.
- 552-852-997-1004-1033.  
Adipic acid, bis(2-chloroallyl) ester;  $(\text{CH}_2)_4(\text{COOCH}_2\text{CHCl}\cdot\text{CH}_2)_2$ . (Adipic acid, di-(2-chloroallyl) ester).  
Fly spray. 112, 216P.
- 552-852-1001-1004-1033.  
Maleic acid, bis(2-chloroallyl) ester;  $(-\text{COOCH}_2\text{CHCl}\cdot\text{CH}_2)_2$ . (Maleic acid, di-(2-chloroallyl) ester).  
Fly spray. 112, 216P.
- 552-852-1011-1012.  
1, 3-Propanediol bis(chloroacetate);  $(\text{CH}_2)_3(\text{OOC}_2\text{H}_4\text{Cl})_2$ . (Trimethylene glycol dimonochloroacetate).  
T *Dermestes vulpinus* larvae. 1085P.
- 552-852-1012.  
Glycol bis(chloroacetate);  $(\text{CH}_2)_2(\text{OOC}_2\text{H}_4\text{Cl})_2$ . (Ethylene glycol dimonochloroacetate).  
T *Musca domestica* larvae and T adults as fumigant. 1085P.
- 552-924-1003-1012-1023.  
Bicyclo[2,2,2]-7-octene-2, 3-dicarboxylic acid, 4-isopropyl-1-methyl, diethyl ester;  $\text{C}_3\text{H}_7(\text{C}_6\text{H}_9)(\text{CH}_3)(\text{COOC}_2\text{H}_5)_2$ . (4-Cyclohexene-1, 2-dicarboxylic acid, 3, 6-endoethylene-3-isopropyl-6-methyl-, diethyl ester; diethyl ester of 3-isopropyl-6-methyl-3, 6-endoethylene delta-tetrahydrophthalic acid; diethyl petrex).  
Fly spray. 112, 948P.
- 552-924-1003-1023-1027.  
Bicyclo[2,2,2]-7-octene-2, 3-dicarboxylic acid, 4-isopropyl-1-methyl-, dialkyl (and monoalkyl) esters;  $\text{C}_3\text{H}_7(\text{C}_6\text{H}_9)(\text{CH}_3)(\text{COOR})_2$ . (4-Cyclohexene-1, 2-dicarboxylic acid, 3, 6-endoethylene-3-isopropyl-6-methyl-, alkyl ester of a terpene dicarboxylic acid).  
Fly spray. 112, 948P.

- 552-951-962.  
Phthalic acid, dicyclohexyl ester;  $C_6H_4(COOC_6H_{11})_2$ . (Cyclohexyl phthalate).  
NT *Bombyx mori* larvae. 559.
- 552-951-989-1022.  
Phthalic acid, didodecyl ester;  $C_6H_4(COOC_{12}H_{25})_2$ . (Phthalic acid, di-*n*-dodecyl ester; *n*-dodecyl phthalate).  
Fly spray. 107P, 112.
- 552-951-994-1011-1030.  
Malonic acid, benzylidene-, bis(2-ethylhexyl) ester;  $C_6H_5CH:C(COOC_8H_{17})_2$ . Benzal di-2-ethylhexylmalonate). 1194P.
- 552-951-1000-1022.  
Phthalic acid, diamyl ester;  $C_6H_4(COOC_5H_{11})_2$ . (*n*-Amyl phthalate).  
NT *Bombyx mori* larvae. 559.
- 552-951-1000-1022.  
Phthalic acid, diisoamyl ester;  $C_6H_4(COOC_5H_9CH_3)_2$ . (*CH*<sub>3</sub>)<sub>2</sub>CH-CH<sub>2</sub>-COO- (Iso-amyl phthalate).  
ST codling moth. 915.
- 552-951-1002-1011-1030.  
Malonic acid, benzylidene-, dibutyl ester;  $C_6H_5CH:C(COOC_4H_9)_2$ . (Benzal dibutylmalonate). 1194P.
- 552-951-1009-1022.  
Phthalic acid, dibutyl ester;  $C_6H_4(COOC_4H_9)_2$ . (Phthalate, dibutyl).  
Repellent to houseflies. 993P, 1276.
- 552-951-1003-1011-1021.  
Acetylsalicylic acid, propyl ester;  $CH_3COOC_6H_4COOC_3H_7$ . (Propyl ester of 2-acetoxy-1-benzoic acid). 350P.
- 552-951-1004-1022-1030.  
Phthalic acid, diallyl ester;  $C_6H_4(COOCH_2CH=CH_2)_2$ .  
MT as fly spray. 112, 216P.
- 552-951-1012.  
Hydroquinone diacetate;  $C_6H_4(OOCCH_3)_2$ . (Quinol diacetate; *p*-phenylene diacetate; diacetylhydroquinone).  
T screwworms at 0.10-0.17%. 156.
- 552-951-1012-1022.  
Phthalic acid, diethyl ester;  $C_6H_4(COOC_2H_5)_2$ . (Ethyl phthalate).  
T as mothproofing agent; repellent to houseflies and other insects; NT *Tineola biselluella* and *Attagenus piceus* (739). 739, 993P, 1175, 1176, 1241P, 1242P.
- 552-951-1021-1286.  
Carbonic acid, diphenyl ester;  $(C_6H_5O)_2CO$ . (Phenyl carbonate; diphenyl carbonate).  
NT corn borer and as mothproofing agent. 239, 1120.
- 552-951-1022-1027.  
Phthalic acid, dialkyl ester. CU. (Dialkyl phthalates).  
T flies and other insects. 993P.
- 552-953-1011-1022-1030.  
Malonic acid, benzylidene-, dibenzyl ester;  $C_6H_5CH:C(COOC_2H_5)_2$ . (Benzal dibenzylmalonate). 1194P.
- 552-953-1022.  
Resorcinol dibenzoate;  $C_6H_3COOC_6H_4OOCOC_6H_3$ .  
NT screwworms. 156.
- 552-953-1024.  
Phthalic acid, dibenzyl ester;  $(C_6H_5CH_2COO)_2C_6H_4$ . (Benzyl phthalate).  
NT *Bombyx mori* larvae. 559.
- 552-957-1001-1003-1011-1021.  
Terpinol acetate butyrate;  $C_{10}H_{18}(OOCCH_3)OOCCH_2CH_3$ . (Terpin acetate-butyrate).  
Fly spray. 93P, 94P, 112.
- 552-957-1001-1004-1021.  
Terpinol butyrate propionate;  $C_{10}H_{18}(OOCCH_3)OOCCH_2CH_2CH_3$ . (Terpin butyratepropionate).  
Fly spray. 93P, 94P, 112.
- 552-957-1002-1003-1021.  
Terpinol dibutylate;  $C_{10}H_{18}(OOCCH_2CH_3)_2$ . (Terpin dibutylate).  
Fly spray. 93P, 112.
- 552-957-1003-1012-1021.  
Terpinol diacetate;  $C_{10}H_{18}(OOCCH_3)_2$ . (Terpin diacetate).  
Fly spray. 93P, 94P, 112.
- 552-957-1004-1011-1021.  
Terpinol acetate propionate;  $C_{10}H_{18}(OOCCH_3)OOCCH_2CH_3$ . (Terpin acetate-propionate).  
Fly spray. 93P, 94P, 112.
- 552-957-1004-1021.  
Terpinol dipropionate;  $C_{10}H_{18}(OOCCH_2CH_3)_2$ . (Terpin dipropionate).  
Fly spray. 93P, 112.
- 552-957-1004-1022.  
4-Cyclohexene-1, 2-dicarboxylic acid, diallyl ester;  $C_6H_8(COOCH_2CH=CH_2)_2$ . (1, 2-Cyclohexenedicarboxylic acid, diallyl ester; diallyl ester of 4-cyclohexene-1, 2-dicarboxylic acid).  
Fly spray. 112, 216P.
- 552-991-1004-1033.  
Sebacic acid, diallyl ester;  $(CH_2)_8(COOCH_2CH=CH_2)_2$ .  
Fly spray. 112, 216P.
- 552-991-1011.  
Glycol diacetate;  $CH_3(COOC_2H_4)OOC(CH_2)_2CH_3$ ? (Ethylene diacetate).  
NT silkworms. 559.
- 552-997-1004-1033.  
Adipic acid, diallyl ester;  $(CH_2)_4(COOCH_2CH=CH_2)_2$ .  
HT houseflies. 112, 216P.
- 552-1000.  
Oxalic acid, diisoamyl ester;  $(CH_3)_2CHCH_2CH_2COOCH_2CH_2CH_2CH_2CH_3$ . (Diisoamyl oxalate; iso-amyl oxalate; bis ( $\gamma$ -methylbutyl) ethanedicate).  
T codling moth; NT *Sitophilus oryzae*. 915, 1180.
- 552-1000-1221-1286.  
Carbonic acid, diisoamyl ester;  $CO(OC_5H_{11})_2$ . (Iso-amyl carbonate).  
NT red scale. 268.
- 552-1001-1012-1030.  
Maleic acid, diethyl ester;  $(CH_3COOC)_2C=CH_2$ . (Maleate diethyl).  
T houseflies. 1276.
- 552-1002-1011.  
Oxalic acid, dibutyl ester;  $C_4H_2O_4$ . (*N*-Butyl oxalate).  
HT codling moth larvae. 915, 1291.
- 552-1002-1021-1286.  
Carbonic acid, dibutyl ester;  $CO(OCH_2CH_2CH_2CH_3)_2$ . (*n*-Butyl carbonate).  
NT red scale. 268.
- 552-1002-1021-1286.  
Carbonic acid, diisobutyl ester;  $[(CH_3)_2CHCH_2]_2CO_2$ . (Diisobutyl carbonate).  
T *Sitophilus oryzae*. 1180.
- 552-1003-1012.  
Malonic acid, diethyl ester;  $CH_2(COOC_2H_5)_2$ . (Ethyl malonate).  
T *Leptinotarsa decemlineata* and as mothproofing agent. 1009, 1175, 1242P.
- 552-1004-1011.  
Oxalic acid, diisopropyl ester;  $[-COOCH(CH_3)]_2$ . (Iso-propyl oxalate).  
ST codling moth. 915.
- 552-1004-1021-1286.  
Carbonic acid, dipropyl ester;  $(C_3H_7)_2CO_2$ . (Di-*n*-propyl carbonate).  
T *Sitophilus oryzae*. 1180.
- 552-1004-1033.  
Malonic acid, diallyl ester;  $CH_2(COOCH_2CH=CH_2)_2$ .  
Fly spray. 112, 216P.
- 552-1011-1022.  
Glycol diformate;  $HCOOCH_2CH_2OOCCH_3$ . (Ethylene glycol diformate).  
NT red scale. 268.
- 552-1011-1022.  
Oxalic acid, dimethyl ester;  $(COOCH_3)_2$ . (Dimethyl oxalate; dimethyl ethanedicate; methyl oxalate).  
NT rice weevil. 1180.
- 552-1012-1021.  
Methanediol diacetate;  $CH_2(OOCCH_3)_2$ ? (Methyl-enediacetate).  
T as mothproofing agent. 417P, 1175.
- 552-1012-1021-1286.  
Carbonic acid, diethyl ester;  $CO(OC_2H_5)_2$ . (Diethyl carbonate).  
HT rice weevil; ST red scale. 268, 1180.
- 552-1013.  
1, 1-Ethanediol diacetate;  $CH_3CH(CH_2COO)_2$ . (Ethylene diacetate; 1, 1-diacetoxy ethane).  
NT rice weevil. 1180.

- 552-1013.  
Oxalic acid, diethyl ester;  $(\text{COOC}_2\text{H}_5)_2$ . (Diethyl oxalate; diethyl oxalate; ethyl oxalate; oxalic acid).  
NT codling moth larvae; *T. Lucilia cuprina* larvae; NT rice weevil. 849, 1180, 1291.
- 552-1023-1286.  
Carbonic acid, dimethyl ester;  $\text{CO}(\text{OCH}_3)_2$ . (Dimethyl carbonate).  
HT rice weevil; ST red scale. 268, 915, 1180.
- 552-1027.  
Oxalic acid, dialkyl ester;  $\text{ROOCCOOR}$ . (Aliphatic ester of oxalic acid).  
T muscariana. 908P.
- 553-593-822-955-1026.  
s-Trithiane, tris(4-benzyloxy-3-methoxyphenyl)-;  $\text{C}_{16}\text{H}_{18}\text{O}_6\text{S}_3$ . [Tri-(thiovanillin benzoste)].  
HT codling moth larvae. 487, 1291.
- 553-853-1001-1013.  
Glycerol tris(chloroacetate);  $\text{C}_6\text{H}_5(\text{OOCCH}_2\text{Cl})_3$ . (Glyceryl trimonochloroacetate).  
T *Dermestes vulpinus*, cockroaches, flies, ants, and aphids. 1085P.
- 553-951-1013.  
Pyrogallol trisacetate;  $\text{C}_6\text{H}_3(\text{OOCCH}_3)_3$ .  
NT screwworms. 156.
- 553-1003-1013.  
Acetin, tri-;  $\text{CH}_3\text{COOCH}(\text{CH}_2\text{OOCCH}_3)_2$ .  
ST *Lucilia cuprina* larvae. 849.
- 561-572-584-910-999-1021.  
Barbaloin;  $\text{HOCH}_2(\text{C}_6\text{H}_4\text{O}_2)\text{OCH}_2(\text{CHOH})_2\text{CHO}$ . (Alolin).  
NT *Tineola biselliella* and *Attagenus piceus*. 739.
- 561-581-591-951-1011-1021.  
Bourbonal;  $\text{C}_6\text{H}_5\text{OCeH}_5(\text{OH})\text{CHO}$ . (3-Ethoxy-4-hydroxybenzaldehyde).  
T screwworms at 0.17-0.33%. 156.
- 561-581-951-1022.  
Vanillin;  $\text{CH}_3\text{O}(\text{OH})\text{C}_6\text{H}_4\text{CHO}$ ? (4-Hydroxy-3-methoxybenzaldehyde? methylprotocatechuic aldehyde). 1480P.
- 561-581-851-951-1021.  
Benzaldehyde, chlorohydroxy-,  $\text{CU}$ ;  $\text{Cl}(\text{OH})\text{C}_6\text{H}_4\text{CHO}$ .  
T as mothproofing agent. 1175, 1465P.
- 561-581-852-951-1021.  
Benzaldehyde, 2, 6-dichloro-3-hydroxy-;  $\text{HO}(\text{Cl}_2)\text{C}_6\text{H}_3\text{CHO}$ .  
T *Anthonus vorax*, *Dermestes*, other insects, and as mothproofing agent. 402P, 469P, 1175, 1176.
- 561-581-853-951-1021.  
Benzaldehyde, 2, 4, 6-trichloro-3-hydroxy-;  $\text{Cl}_3(\text{OH})\text{C}_6\text{H}_2\text{CHO}$ .  
T as mothproofing agent. 402P, 415P, 469P, 1175, 1176.
- 561-581-924.  
Naphthaldehyde, hydroxy derivatives of.  
T as mothproofing agent. 469P, 1176.
- 561-581-951-1021.  
Benzaldehyde, p-hydroxy-;  $\text{HOC}_6\text{H}_4\text{CHO}$ .  
T as mothproofing agent. 404P, 870P, 1175.
- 561-581-951-1021.  
Salicylaldehyde;  $\text{HOC}_6\text{H}_4\text{CHO}$ . (o-Hydroxy methylbenzaldehyde; o-hydroxybenzaldehyde; salicylic aldehyde).  
T houseflies; ST codling moth larvae; NT *Chrysomphalus aurantii*. 268, 1002, 1276, 1285.
- 561-581-1001.  
Aldol;  $\text{CH}_3\text{CHOHCH}_2\text{CHO}$ . (8-Oxybutyraldehyde; butanolal-3; 3-butanolal; oxybutyric acid).  
NT *Tineola biselliella* and *Attagenus piceus*. 739, 1176.
- 561-582-951-1021.  
 $\beta$ -Resorcyaldehyde;  $(\text{HO})_2\text{C}_6\text{H}_3\text{CHO}$ . (2, 4-Dihydroxybenzaldehyde; 2, 4-dihydroxybenzenecarbinol).  
T screwworms at 0.33-0.67%. 156.
- 561-584-951-997-1021.  
Salicin;  $\text{HOCH}_2\text{C}_6\text{H}_4\text{OC}_6\text{H}_4\text{O}$ .  
NT *Tineola biselliella* and *Attagenus piceus*. 739, 1176.
- 561-591-951-1011-1021.  
Benzaldehyde, o-ethoxy-;  $\text{C}_6\text{H}_5\text{OC}_2\text{H}_5\text{CHO}$ .  
T screwworms at 0.33-0.67%. 156.
- 561-591-951-1022.  
Anisaldehyde;  $\text{CH}_3\text{OC}_6\text{H}_4\text{CHO}$ . (Anisic aldehyde; p-hydroxymethylbenzaldehyde; p-methoxybenzaldehyde; p-anisaldehyde; aubepine).  
T houseflies, mosquito, and codling moth larvae; NT wireworms and red scale. 156, 157, 268, 846, 915, 1276.
- 561-592-951-1023.  
Benzaldehyde, 2, 4-dimethoxy-;  $(\text{CH}_3\text{O})_2\text{C}_6\text{H}_3\text{CHO}$ . (Resorcyaldehyde dimethyl ether; 2, 4-dimethoxybenzenecarbal).  
NT *Bombyx mori* larvae. 561.
- 561-592-951-1023.  
Veratraldehyde;  $(\text{CH}_3\text{O})_2\text{C}_6\text{H}_3\text{CHO}$ . (3, 4-Dimethoxybenzaldehyde; protoatechualdehyde dimethyl ether; 3, 4-dimethoxybenzenecarbal).  
T screwworms at 0.33-0.67%; NT silkworm larvae. 156, 561.
- 561-625-1021.  
2-Furaldehyde;  $\text{C}_6\text{H}_4\text{OCHO}$ . (Furfural; 2-furan-carbal; fural; furfuraldehyde; furole; furfurole).  
HT codling moth larvae; MT *Aphis rumicis* and *Hippodamia convergens*; attractant for oriental peach moth. 508, 1110, 1152, 1285.
- 561-626-950-1021.  
Piperonal;  $\text{CH}_3(\text{O})_2\text{C}_6\text{H}_4\text{CHO}$ . (3, 4-Methylene-dioxybenzaldehyde; protoatechualdehyde methylene ether; heliotropin).  
Attractant for oriental peach moth; NT codling moth larvae and as synergists with pyrethrum against houseflies. 508, 617, 1285.
- 561-691-951-1023.  
Benzaldehyde, p-dimethylamino;  $(\text{CH}_3)_2\text{NC}_6\text{H}_4\text{CHO}$ .  
NT *Malacosoma americana* and silkworm. 119, 561.
- 561-851-951-1021.  
Benzaldehyde, o-chloro-;  $\text{ClC}_6\text{H}_4\text{CHO}$ .  
T as mothproofing agent; NT codling moth larvae. 415P, 684P, 1175, 1285.
- 561-851-951-1021.  
Benzaldehyde, p-chloro-;  $\text{ClC}_6\text{H}_4\text{CHO}$ .  
T *Anthonus vorax*, *Dermestes*, and as mothproofing agent. 402P, 415P, 418P, 469P, 684P, 1175, 1176.
- 561-851-1011.  
Acetaldehyde, chloro-;  $\text{CH}_2\text{ClCHO}$ . 1337P.
- 561-851-1001-1030.  
Crotonaldehyde, chloro-,  $\text{CU}$ ;  $\text{C}_6\text{H}_5\text{OCl}$ . (Chloro-crotonal). 1337P.
- 561-852-951-1021.  
Benzaldehyde, 2, 6-dichloro-;  $\text{Cl}_2\text{C}_6\text{H}_3\text{CHO}$ .  
T as mothproofing agent. 415P, 1175.
- 561-852-1001.  
Butyraldehyde, dichloro-,  $\text{CU}$ ;  $\text{C}_4\text{H}_6\text{Cl}_2\text{HO}$ . (Dichlorobutanal). 1337P.
- 561-853-1011.  
Chloral;  $\text{CCl}_3\text{CHO}$ .  
T as mothproofing agent; NT *Chrysomphalus aurantii*. 268, 402P, 469P, 849, 1176.
- 561-857-951-1021.  
Benzaldehyde, chloro-,  $\text{CU}$ .  
T as mothproofing agent. 408P, 409P, 1175, 1465P.
- 561-863-951-1021.  
Benzaldehydes, trifluoromethyl-,  $\text{CU}$ ;  $\text{CF}_3\text{C}_6\text{H}_4\text{CHO}$ . 1244P.
- 561-924-1021.  
Naphthaldehydes,  $\text{CU}$ ;  $\text{C}_{10}\text{H}_7\text{CHO}$ .  
T as mothproofing agent. 408P, 409P, 1175.
- 561-951-993-1030.  
Cinnamaldehyde,  $\alpha$ -amyl-;  $\text{C}_6\text{H}_5\text{CH}_2\text{C}(\text{C}_6\text{H}_{11})_2\text{CHO}$ . (2-n-Amyl, 3-phenyl propenal?  $\alpha$ -n-amylicinnamaldehyde).  
NT red scale. 268.
- 561-951-1003-1021.  
Cumaldehyde;  $\text{C}_6\text{H}_7\text{C}_6\text{H}_4\text{CHO}$ . (Cuminaldehyde; p-isopropylbenzaldehyde).  
T wireworms; NT *Culex pipiens*; not effective as attractant for oriental peach moth. 508, 846, 1012.
- 561-951-1003-1030.  
Cinnamaldehyde;  $\text{C}_6\text{H}_5\text{CH}=\text{CHCHO}$ . (3-Phenylpropenal;  $\beta$ -phenylacrolein; cinnamic aldehyde).  
NT codling moth larvae. 1285.
- 561-951-1021.  
Benzaldehyde;  $\text{C}_6\text{H}_5\text{CHO}$ .  
T housefly, *Leptinotarsa decemlineata*, and *Aphis rumicis*; NT screwworms, *Chrysomphalus aurantii*, and as attractant for oriental peach moth. 156, 268,

- 402P, 415P, 469P, 508, 684P, 1002, 1009, 1152, 1175, 1176, 1210P, 1241P, 1242P, 1465P.
- 561-976.  
Aldehydes, aromatic, CU.  
T as mothproofing agent. 408P, 1175.
- 581-991-1030.  
Citronellal;  $\text{CH}_3\text{C}(\text{CH}_3)(\text{CH}_2)_2\text{CH}(\text{CH}_3)\text{CH}_2\text{CHO}$ .  
T *Lucilia cuprina* larvae. 849.
- 581-991-1033.  
Citral;  $(\text{CH}_3)_2\text{C}=\text{CHCH}_2\text{CH}_2\text{C}(\text{CH}_3)=\text{CHCHO}$ , (Geraniol).  
T *Leptinotarsa decemlineata*, *Aphis rumicis*, and *Lucilia cuprina* larvae; attractant for oriental peach moth. 508, 849, 1009.
- 581-995.  
Eneanthaldehyde;  $\text{C}_8\text{H}_{15}\text{CHO}$ . (Heptaldehyde; heptanal; heptyl aldehyde; eamthole).  
HT rice weevil. 236P, 1180.
- 581-997.  
Butyraldehyde, 2-ethyl-;  $\text{CH}_3\text{CH}_2\text{CH}(\text{C}_2\text{H}_5)\text{CHO}$ . (2-Ethylbutanal).  
NT codling moth larvae. 1285.
- 581-997-1030.  
2-Pentenal, 2-methyl-;  $\text{CH}_3\text{CH}_2\text{CH}(\text{C}_2\text{H}_5)\text{CHO}$ . ( $\alpha$ -Methyl- $\beta$ -ethylacrolein).  
HT rice weevil. 1180.
- 581-999.  
Valeraldehyde;  $\text{CH}_3(\text{CH}_2)_3\text{CHO}$ . (n-Valeraldehyde; pentanal; n-valeric aldehyde; n-amyl aldehyde).  
NT red scale. 258.
- 581-999.  
Butanal, 3-methyl-;  $(\text{CH}_3)_2\text{CHCH}_2\text{CHO}$ . (Isovaleraldehyde; isobutyl aldehyde).  
NT red scale and *Hippodamia convergens*. 1110, 1180.
- 581-1001.  
Butyraldehyde;  $\text{CH}_3\text{CH}_2\text{CH}_2\text{CHO}$ . (Butanal; butyric aldehyde).  
T as mothproofing agent; NT *Chrysomphalus aurantii* and wireworms. 268, 684P, 849, 1175, 1180.
- 581-1001.  
Isobutyraldehyde;  $(\text{CH}_3)_2\text{CHCHO}$ . (2-Methylpropanal; isobutyl aldehyde).  
NT *Chrysomphalus aurantii* and wireworms. 268, 849, 1180.
- 581-1001-1030.  
Crotonaldehyde;  $\text{CH}_3\text{CH}=\text{CHCHO}$ . (2-Butenal).  
T rice weevil, *Chrysomphalus aurantii*, and *Lucilia cuprina* larvae; NT *Tineola bisulcella* and *Attagenus piceus*. 268, 602P, 739, 849, 1176, 1180, 1285.
- 581-1003.  
Propionaldehyde;  $\text{CH}_3\text{CH}_2\text{CHO}$ ? (n-Propylaldehyde).  
NT *Chrysomphalus aurantii*. 268.
- 581-1003-1030.  
Acrolein;  $\text{CH}_2=\text{CHCHO}$ . (Acrylaldehyde; propenal; acrylic aldehyde).  
HT rice weevil; T red scale. 268, 1180.
- 581-1011.  
Acetaldehyde;  $\text{CH}_3\text{CHO}$ . (Metaldehyde; Meta).  
T as mothproofing agent; NT red scale. 268, 402P, 849, 849, 1175.
- 581-1011.  
Metaldehyde;  $(\text{C}_2\text{H}_4\text{O})_n$ . (Polymer of acetaldehyde).  
NT clothes moths. 739, 1176.
- 581-1021.  
Formaldehyde;  $\text{HCHO}$ .  
T houseflies and *Lucilia cuprina* larvae; T as mothproofing agent. 94P, 398P, 402P, 409P, 414P, 418P, 435P, 469P, 1457P, 1462P, 1465P); NT as mothproofing agent (42, 198, 1024, 1268, 1310); NT red scale. 42, 59P, 94P, 199, 208, 398P, 402P, 409P, 414P, 418P, 435P, 469P, 516, 832, 879P, 933, 1024, 1175, 1176, 1231, 1268, 1310, 1413, 1457P, 1462P, 1465P, 1483P.
- 581-1021.  
Paraformaldehyde;  $(\text{HCHO})_n$ .  
T as mothproofing agent. 182P, 184P, 1150, 1175, 1176, 1208P.
- Trioxymethylene and related compounds will be found under 622, since they are ring structures.
- 571-581-591-730-740-951-1003-1021.  
Atropine;  $\text{C}_{17}\text{H}_{23}\text{NO}$ .  
T clothes moths. 517P, 1175.
- 571-581-591-841-951-1002-1011.  
Valerophenone, 5-bromo-4-tert-butyl-2-hydroxy-ethoxy-;  $(\text{CH}_3)_3\text{CC}_6\text{H}_4(\text{Br})(\text{COC}_2\text{H}_5)\text{OC}_2\text{H}_4\text{OH}$ . (Ethanol, 2-(4-bromo-5-tert-butyl-2-butyl-phenoxy)-;  $\beta$ -hydroxy-ethyl ether of 3-tertiary-butyl-4-bromo-6-butyl phenol).  
Fly spray. 112, 230P.
- 571-581-591-851-951-1001-1012.  
Acetophenone, 5-tert-butyl-3-chloro-2-(hydroxyethoxy)-;  $(\text{CH}_3)_3\text{CC}_6\text{H}_4(\text{Cl})(\text{COCH}_3)\text{OC}_2\text{H}_4\text{OH}$ . (Ethanol, 2-(2-acetyl-4-tert-butyl-6-chlorophenoxy)-;  $\beta$ -hydroxy-ethyl ether of 2-chloro-4-tertiary-butyl-6-acetyl phenol).  
Fly spray. 112, 230P.
- 571-581-591-903-1003-1011.  
Propiophenone, 5-hydroxyethoxy-2-octyl-;  $\text{C}_8\text{H}_{17}\text{C}_6\text{H}_4(\text{COC}_3\text{H}_7)\text{OC}_2\text{H}_4\text{OH}$ . (Ethanol, 2-(4-tert-octyl-3-propionylphenoxy)-;  $\beta$ -hydroxy-ethyl ether of 2-propionyl-4-tertiary-octyl phenol).  
Fly spray. 112, 230P.
- 571-581-591-951-993-1004.  
Propiophenone, 5-hydroxypropoxy-2-octyl-;  $\text{C}_8\text{H}_{17}\text{C}_6\text{H}_4(\text{COC}_3\text{H}_7)\text{OC}_3\text{H}_6\text{OH}$ . (Propanol, 3-(3-propionyl-4-tert-octylphenoxy)-; hydroxy-propyl ether of 3-propionyl-4-tertiary-octyl phenol).  
Fly spray. 112, 230P.
- 571-581-591-951-999-1003-1011-1021.  
Propiophenone, 2-tert-amyl-4-hydroxyethoxy-5-methyl-;  $\text{C}_8\text{H}_9\text{COC}_6\text{H}_4(\text{CH}_3)(\text{OCH}_2\text{CH}_2\text{OH})\text{C}(\text{CH}_3)_2\text{C}_6\text{H}_5$ . (Ethanol, 2-(5-tert-amyl-2-methyl-4-propionyl-phenoxy)-;  $\beta$ -hydroxy-ethyl ether of 2-methyl-4-propionyl-5-tertiary-amyl phenol).  
Fly spray. 112, 230P.
- 571-581-591-951-1001-1012.  
Acetophenone, 3-tert-amyl-4-hydroxyethoxy-;  $\text{CH}_3\text{COC}_6\text{H}_4(\text{OCH}_2\text{CH}_2\text{OH})\text{C}(\text{CH}_3)_2\text{C}_6\text{H}_5$ . (Ethanol, 2-(4-acetyl-2-tert-amylphenoxy)-;  $\beta$ -hydroxy-ethyl ether of 2-tertiary-amyl-4-benzyl-6-propionyl phenol).  
Fly spray. 112, 230P.
- 571-581-591-951-1001-1003-1011-1021.  
Propiophenone, 3-tert-amyl-5-benzyl-2-hydroxyethoxy-;  $\text{C}_8\text{H}_9\text{COC}_6\text{H}_4(\text{CH}_2\text{C}_6\text{H}_5)(\text{OCH}_2\text{CH}_2\text{OH})\text{C}(\text{CH}_3)_2\text{C}_6\text{H}_5$ . (Ethanol, 2-(2-tert-amyl-4-benzyl-6-propionyl-phenoxy)-;  $\beta$ -hydroxy-ethyl ether of 2-tertiary-amyl-4-benzyl-6-propionyl phenol).  
Fly spray. 112, 230P.
- 571-581-592-620-625-650-1003-1022-1030.  
Sumatrol;  $\text{C}_{21}\text{H}_{31}\text{O}_7$ .  
T insects but less than rotenone. 618.
- 571-581-592-620-625-650-1003-1022-1030.  
Rotenone;  $\text{C}_{21}\text{H}_{33}\text{O}_6$ .  
T goldfish. 618.
- 571-581-592-620-650-999-1022-1030.  
Rotenonic acid;  $\text{C}_{21}\text{H}_{31}\text{O}_6$ .  
Associated with rotenone. 618.
- 571-581-592-620-650-1022.  
Apotoxinol;  $\text{C}_{21}\text{H}_{31}\text{O}_6$ .  
Associated with rotenone. 618.
- 571-581-592-620-950-1024.  
Tephrosin;  $\text{C}_{21}\text{H}_{31}\text{O}_6$ .  
T *Bombus mori* and many insects but less than rotenone; T as fish poison. 543, 618, 629, 1276A.
- 571-581-592-951-1001-1012-1021.  
Acetophenone, 5-tert-butyl-2-hydroxyethoxy-3-methoxy-;  $\text{CH}_3\text{COC}_6\text{H}_4(\text{OCH}_3)(\text{OCH}_2\text{CH}_2\text{OH})\text{C}(\text{CH}_3)_3$ . (Ethanol, 2-(2-acetyl-4-tert-butyl-6-methoxy-phenoxy)-;  $\beta$ -hydroxy-ethyl ether of 2-methoxy-4-tertiary-butyl-6-acetyl phenol).  
Fly spray. 112, 230P.
- 571-581-625-1011.  
Furoin;  $(\text{C}_8\text{H}_5\text{O})\text{CHOHCOC}_6\text{H}_5\text{O}$ .  
NT *Bombyx mori* larvae. 539.
- 571-581-626-950-1011.  
Benzoin, 3, 4, 3', 4'-di-(methylenedioxy)-;  $(\text{CH}_3)_2\text{O}_2\text{C}_6\text{H}_3\text{CHOHCOC}_6\text{H}_3(\text{CH}_2\text{O}_2)$ . (Piperonyl).  
NT European corn borer. 1122.
- 571-581-730-950.  
9-Acridone, 4-hydroxy-;  $(\text{C}_{12}\text{H}_9\text{N})\text{OH}$ .  
T screwworms at 0.67%. 944.
- 571-581-730-950-1011.  
Ketone, 2-hydroxyquinolyl methyl-, CU;  $\text{HO}(\text{C}_6\text{H}_4\text{N})\text{COCH}_3$ ? (Aceto 2 hydroxyquinoline).  
NT *Pieris rapae*. 835.
- 571-581-730-950-1011.  
Ketone, 8-hydroxyquinolyl methyl-, CU?  $\text{HO}(\text{C}_6\text{H}_4\text{N})\text{COCH}_3$ ? (Aceto 8 hydroxyquinoline).  
NT *Pieris rapae*. 835.

- 571-581-730-950-1011.  
Ketone, 8-hydroxyisoquinolinyl methyl-, CU.  
NT *Pieris rapae*. 635.
- 571-581-740-950.  
Isatin;  $O:(C_6H_4N)OH$ . (2, 3-Indoleione).  
NT roaches. 587.
- 571-581-851-968.  
Cyclopentanone, 1-chloro-2-hydroxy-;  $O:(C_6H_5)-$   
(C)OH. 280P.
- 571-581-924-1011.  
2-Acetonaphthone, 1-hydroxy-;  $CH_3COC_{10}H_7OH$ .  
(2-Aceto-1-naphthol; 1-hydroxy-2-naphthyl methyl  
ketone; 2-acetyl-1-naphthol).  
NT *Culex quinquefasciatus* and NT screwworms at  
0.67%. 156, 157, 1368P.
- 571-581-951-1003.  
Propiophenone, *p*-hydroxy-;  $C_6H_5COC_2H_4OH$ .  
NT European corn borer. 1122.
- 571-581-951-1011.  
Acetophenone, *p*-hydroxy-;  $CH_3COC_6H_4OH$ .  
MT codling moth larvae. 1285.
- 571-581-952.  
Benzophenone, *p*-hydroxy-;  $C_6H_5COC_6H_4OH$ .  
HT *Carpocapsa pomonella* larvae. 156, 487, 559,  
1291.
- 571-581-952.  
Benzophenones, hydroxy-, CU. (Ketones, hydroxy-  
diphenyl).  
T as mothproofing agent. 413P, 1175.
- 571-581-952-1003-1030.  
Chalcone, 2-hydroxy-;  $OHC_6H_4CH:CHCOC_6H_5$ . (*o*-  
Hydroxybenzalacetophenone).  
NT screwworms. 156.
- 571-581-952-1011.  
Benzoin;  $C_6H_5CH(OH)COC_6H_5$ . (Oxyphenylbenzyl-  
ketone; phenylbenzoylcarbinol).  
HT codling moth larvae; T as mothproofing agent;  
NT screwworms. 156, 333P, 1176, 1201.
- 571-582-620-1021.  
1, 4-Pyrone, 5-hydroxy-2-(hydroxymethyl)-;  $O:-$   
( $C_6H_5O$ )( $CH_2OH$ )OH. (Kojic acid).  
HT codling moth larvae. 1291.
- 571-582-625-950-952.  
Phenolphthalein;  $O:(C_6H_4O)(C_6H_4OH)_2$ .  
ST screwworms and ST as mothproofing agent. 156,  
974, 1176.
- 571-582-951-1021.  
Acetophenone, 2, 4-dihydroxy-;  $CH_3COC_6H_3(OH)_2$ .  
(Resacetophenone).  
T screwworms at 0.33-0.67%. 156.
- 571-582-953-1021.  
Auric;  $O:(C_6H_4):C(C_6H_4OH)_2$ . (Rosolic acid; para-  
rosolic acid).  
ST mosquito larvae. 487.
- 571-591-620-952-1022.  
Coumarin, 4-methyl-7-(benzyloxy)-;  $O:(C_6H_4O)-$   
( $CH_3$ )OCHC<sub>6</sub>H<sub>5</sub>. (Coumarin, 4-methyl-7-phenylme-  
thoxy).  
Fly spray. 96P, 112, 688P, 690P, 693P, 694P, 699P.
- 571-591-951-1001-1021-1030.  
3-Buten-2-one, 4-*p*-anisyl-;  $CH_3OC_6H_4CH:CHCO-$   
 $CH_3$ . (Anisalacetone).  
HT mosquito and screwworm larvae. 156, 157.
- 571-591-951-1003-1011-1030.  
Acetophenone, 2-allyloxy-;  $CH_3COC_6H_4OCH_2CH=$   
 $CH_2$ . (Propene, 3-(*o*-acetylphenoxy)-; allyl ether of  
2-acetophenol).  
Fly spray. 112, 209P.
- 571-591-951-1011-1021.  
Acetophenone, *p*-methoxy-;  $CH_3OC_6H_4COCH_3$ . (*p*-  
Anisyl methyl ketone; *p*-acetylanisole).  
HT screwworms at 0.05-0.08%. 156.
- 571-591-952-1003-1021-1030.  
Chalcone, 4-methoxy-;  $CH_3OC_6H_4CH:CHCOC_6H_5$ .  
(Anisalacetophenone).  
NT corn borer. 1120.
- 571-591-952-1011-1021.  
Acetophenone, *o*-(benzyloxy)-;  $C_6H_5CH_2OC_6H_4CO-$   
 $CH_3$ . (Ether, *o*-acetylphenyl benzyl).  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 571-591-952-1011-1021.  
Acetophenone, *p*-(benzyloxy)-;  $C_6H_5CH_2OC_6H_4CO-$   
 $CH_3$ . (Ether, *p*-acetylphenyl benzyl).  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 571-591-952-1022.  
Benzophenone, *p*-methoxy-;  $C_6H_5COC_6H_4OCH_3$ .  
ST screwworms at 0.67%. 156.
- 571-591-953-1022.  
Benzophenone, 2-(benzyloxy)-;  $C_6H_5CH_2OC_6H_4-$   
 $COC_6H_5$ . (Ether, benzyl *o*-benzoylphenyl).  
Fly spray. 112, 690P.
- 571-591-953-1022.  
Benzophenone, 4-(benzyloxy)-;  $C_6H_5CH_2OC_6H_4CO-$   
 $CH_3$ . (Ether, benzyl *p*-benzoylphenyl).  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 571-592-610-740-950-1011.  
Brucine;  $C_{22}H_{22}N_2O_4$ . (Dimethoxystyrychicine).  
T as mothproofing agent; ST codling moth larvae.  
915, 985, 1164P, 1165P, 1175, 1176, 1179.
- 571-592-610-740-950-1011-1389.  
Brucine sulphate; ( $C_{22}H_{22}N_2O_4$ )<sub>2</sub>H<sub>2</sub>SO<sub>4</sub>.  
T *Aphis rumicis* and as mothproofing agent. 1152,  
1164P, 1165P, 1175, 1179.
- For other Brucine salt see:  
541-571-592-610-740-950-983-1011-1030.  
571-592-620-625-851-950-1003-1022.  
Rotenone hydrochloride;  $C_{22}H_{23}O_5Cl$ . 544.
- 571-592-620-625-950-1003-1022.  
Rotenone, dihydro-;  $C_{22}H_{22}O_5$ .  
M.L.D. *Bombyx mori* 0.01 mg./gm.; more toxic  
than rotenone as fish poison. 542, 618, 629, 1276A.
- 571-592-620-625-950-1003-1022.  
Isorotenone;  $C_{22}H_{22}O_5$ .  
T goldfish and mosquito larvae; associated with  
rotenone. 486A, 542, 618.
- 571-592-620-625-950-1003-1022-1030.  
Rotenone;  $C_{22}H_{22}O_5$ .  
T many species of insects; widely used insecticide.  
486A, 545.
- 571-592-620-625-950-1022.  
Elliptone;  $C_{20}H_{16}O_6$ .  
Associated with rotenone. 618.
- 571-592-620-625-950-1022.  
Malacel;  $C_{20}H_{16}O_6$ .  
Associated with rotenone. 618.
- 571-592-620-950-1024.  
Rotenone,  $\beta$ -dihydro-;  $C_{22}H_{24}O_5$ . (Dihydrodeguelin).  
T mosquito larvae; associated with rotenone. 486A,  
618.
- 571-592-620-950-1024.  
Deguelin;  $C_{22}H_{22}O_6$ .  
M.L.D. *Bombyx mori* larvae 0.01-0.012 mg./gm.  
486A, 543, 629, 1276A.
- 571-592-620-950-1024.  
 $\alpha$ -Toxicarol;  $C_{22}H_{22}O_6$ .  
T insects but less than rotenone. 543, 618, 629.
- 571-592-620-950-1024.  
 $\beta$ -Toxicarol;  $C_{22}H_{22}O_6$ .  
T insects but less than rotenone. 543, 618, 629.
- 571-592-626-730-950-951-1024-1389.  
Berberine bisulphate;  $C_{20}H_{18}O_6N_2H_2SO_4$ ?  
ST codling moth larvae. 915.
- 571-592-952-999-1022-1033.  
3-Pentadienone, 1, 5-di-(*p*-methoxyphenyl)-; ( $CH_3-$   
 $OC_6H_4CH:CH-CH_2-C=O$ . (Dianisalacetone).  
NT screwworms. 156.
- 571-592-968-952-1024.  
Cyclopentanone, 1, 4-di-(*p*-methoxybenzylidene)-;  
 $O:(C_6H_4)(CHC_6H_4OCH_3)_2$ . (Dianisalcyclopentanone).  
ST *Cochliomyia americana* C. and P. larvae; NT  
corn borer. 944, 1120.
- 571-593-620-625-1003-1011-1022-1030.  
Rotenone, acetyl-;  $C_{22}H_{24}O_7$ .  
T goldfish at less than 0.002 mg. per liter. 544.
- 571-593-625-626-730-950-1024-1389.  
Narcotine sulfate; ( $C_{22}H_{23}O_7N$ )<sub>2</sub>H<sub>2</sub>SO<sub>4</sub>.  
T *Aphis rumicis*. 1152.
- 571-610-740-950-1011.  
Strychnine;  $C_{21}H_{22}N_2O_5$ .  
T as mothproofing agent; ST codling moth. 915,  
1133P, 1179.
- 571-610-740-950-1011-1254.  
Strychnine arsenite.  
NT tobacco worm moths. 553.
- 571-610-740-950-1011-1389.  
Strychnine sulfate; ( $C_{21}H_{22}N_2O_5$ )<sub>2</sub>H<sub>2</sub>SO<sub>4</sub>.  
T *Aphis rumicis* and screwworms; NT Japanese  
beetle. 156, 1008, 1152.

- 571-620-825-950-1021.  
Thianaphthene, 2-keto-4-methyl-5, 6-(2, 3-pyrryl)-;  
(C<sub>8</sub>H<sub>5</sub>O)(C<sub>6</sub>H<sub>5</sub>S)(:O)CH<sub>3</sub>? (4-Methyl-2-keto-pyranonaphthene).  
HT codling moth larvae; NT mosquito larvae. 487, 1291.
- 571-620-841-950.  
Xanthone, 3-bromo-; O:(C<sub>15</sub>H<sub>7</sub>O)Br. 540AP.
- 571-620-842-950.  
Xanthone, 2,7-dibromo-; O:(C<sub>15</sub>H<sub>5</sub>O)Br. 540AP.
- 571-620-950.  
Coumarin; O:(C<sub>6</sub>H<sub>5</sub>O). (1, 2-Benzopyrone; o-coumaric acid lactone; coumarinic lactone).  
MT tobacco flea beetle, codling moth, and *Bombyx mori* larvae; NT as mothproofing agent. 239, 487, 559, 1012, 1175, 1291, 1357P.
- 571-620-950.  
Xanthone; O:(C<sub>15</sub>H<sub>5</sub>O). (9-Xanthenone; diphenylene ketone oxide).  
T roaches, southern army worm, and mosquito larvae; MT *Lucilia sericata* larvae; ST codling moth and red spider. 27, 150, 457, 557, 949, 1120, 1144, 1291, 1312, 1322, 1481.
- 571-625-742-1011-1022-1291.  
Pilocarpine hydrochloride; C<sub>11</sub>H<sub>15</sub>O<sub>2</sub>N<sub>2</sub>.HCl.  
T *Aphis rumicis*; ST codling moth. 915, 1152.
- 571-625-825-950-1022-1030.  
Thianaphthene, 3-keto-4-methyl-2-(furfurylidene)-;  
C<sub>14</sub>H<sub>10</sub>O<sub>2</sub>S. (1-Fural-4-methyl-2(1) thionaphthene).  
MT codling moth larvae; NT mosquito larvae. 487, 1291.
- 571-625-851-951-1011.  
Acetophenone, α-furfurylidene-p-chloro-; ClC<sub>6</sub>H<sub>4</sub>-COCH:CH(C<sub>4</sub>H<sub>3</sub>O). (p-Chloro-α-furalacetophenone).  
HT codling moth larvae; MT mosquito larvae. 487, 1291.
- 571-625-950-981.  
Dibenzofuran, 7-acetyl-1, 2, 3, 4-tetrahydro-; C<sub>8</sub>H<sub>5</sub>OC<sub>6</sub>H<sub>3</sub>COCH<sub>3</sub>.  
HT mosquito larvae. 487.
- 571-625-950-1011.  
Dibenzofuran, 3-acetyl-; (C<sub>15</sub>H<sub>7</sub>O)COCH<sub>3</sub>.  
MT mosquito larvae. 487.
- 571-625-951-1003-1030.  
Acetophenone, α-furfurylidene-; C<sub>6</sub>H<sub>5</sub>COCH:CH(C<sub>4</sub>H<sub>3</sub>O). (Furfural-acetophenone). 1291, 1369P.
- 571-625-951-1011-1021.  
Acetophenone, α-furfurylidene, p-methyl-; CH<sub>3</sub>C<sub>6</sub>H<sub>4</sub>COCH:CH(C<sub>4</sub>H<sub>3</sub>O). (α-Fural-p-methylacetophenone).  
MT codling moth and mosquito larvae. 487, 488, 1291.
- 571-625-968-1022-1033.  
Cyclopentanone, 2, 3-di-(furfurylidene)-; (C<sub>6</sub>H<sub>4</sub>O)-(CHC<sub>4</sub>H<sub>3</sub>O)<sub>2</sub>. (Difuralcyclopentanone).  
HT codling moth larvae. 1291.
- 571-628-950-951-1003-1021.  
Chalcone, 3, 4-methylenedioxy-4'-methyl-; (CH<sub>3</sub>-O<sub>2</sub>)-C<sub>6</sub>H<sub>3</sub>CH:CHCOOC<sub>6</sub>H<sub>4</sub>CH<sub>3</sub>.  
NT European corn borer. 1122.
- 571-628-950-983-1022.  
Cyclopentanone, 1, 4-di-(piperonylidene)-; [(CH<sub>2</sub>-O<sub>2</sub>)C<sub>6</sub>H<sub>3</sub>CH:]<sub>2</sub>(C<sub>6</sub>H<sub>4</sub>)<sub>2</sub>O. (Dipiperonalcyclopentanone).  
T *Cochliomyia americana* C. and P. larvae at 0.67% 944, 1120.
- 571-632-851-952-1021.  
Propiophenone, p-chloro-α,β-epoxy-β-phenyl-; ClC<sub>6</sub>H<sub>4</sub>CO(C<sub>2</sub>H<sub>5</sub>O)C<sub>6</sub>H<sub>5</sub>. (α-(p-Chlorobenzoyl)-β-phenylethylene oxide).  
NT as mothproofing agent. 239.
- 571-632-952-1021.  
Propiophenone, α, β-epoxy-β-phenyl-; C<sub>6</sub>H<sub>5</sub>CO(C<sub>2</sub>H<sub>5</sub>O)C<sub>6</sub>H<sub>5</sub>. (α-Benzoyl-β-phenylethylene oxide).  
NT as mothproofing agent. 239.
- 571-632-952-1022.  
Propiophenone, α,β-epoxy-p-methyl-β-phenyl-; CH<sub>3</sub>-C<sub>6</sub>H<sub>4</sub>CO(C<sub>2</sub>H<sub>5</sub>O)C<sub>6</sub>H<sub>5</sub>. (α-Phenyl-β-(p-tolyl) ethylene oxide).  
NT as mothproofing agent. 239.
- 571-640-850-1176.  
Anhydro-α-hydroxymercuribenzoic acid; C<sub>6</sub>H<sub>4</sub>COOHg. (Mercury Benzoic acid). 379P.
- 571-671-851-975-1003-1027.  
Ketone, aminoalkaryl-, CU; RCOCH(R')CH<sub>2</sub>Y.  
Where R is an aryl or chloroaryl group; R' is hydrogen or alkyl; and Y is the residue of an amine from the class consisting of primary and secondary amines. 719P.
- 571-671-952-1021.  
Benzophenone, 4-amino-; C<sub>6</sub>H<sub>5</sub>COC<sub>6</sub>H<sub>4</sub>NH<sub>2</sub>. (p-Aminobenzophenone; p-aminophenyl phenyl ketone; p-benzoylaniline).  
MT codling moth larvae. 1285.
- 571-672-952-1021.  
Benzophenone, 4, 4'-diamino-; (NH<sub>2</sub>C<sub>6</sub>H<sub>4</sub>)<sub>2</sub>CO.  
NT European corn borer. 1122.
- 571-691-696-951-965-1023-1291.  
Ammonium chloride, benzyl-(2-acetyl-3-methylbutyl)-dimethyl-; C<sub>6</sub>H<sub>5</sub>CH<sub>2</sub>N(Cl)(CH<sub>3</sub>)<sub>2</sub>CH(CH<sub>3</sub>)(CH<sub>3</sub>)<sub>2</sub>COCH<sub>3</sub>. (Ammonium compound, benzyl 2-acetylisoamyl dimethyl chloride; benzylethylidene quaternary salt of β-acetyl-β-isopropylethylidimethylamine).  
Fly spray. 112, 1411P.
- 571-691-955-1022.  
2-Butanone, 4-dimethylamino-3-isopropyl-; CH<sub>3</sub>-COCH(CH<sub>3</sub>)(CH<sub>3</sub>)<sub>2</sub>CH<sub>2</sub>N(CH<sub>3</sub>)<sub>2</sub>. (β-Acetyl-β-isopropylethyl-dimethylamine).  
HT as fly spray. 112, 1411P.
- 571-691-1001-1022.  
2-Butanone, 4-dimethylamino-; CH<sub>3</sub>COCH<sub>2</sub>CH<sub>2</sub>N(CH<sub>3</sub>)<sub>2</sub>. (Dimethylamine, N-(2-acetyl-ethyl)-; β-acetyl-ethyl-dimethylamine).  
T houseflies. 112, 1411P.
- 571-692-856-951-983-1025-1291.  
Ammonium chloride, benzyl-(2-acetyl-2-N,N'-dimethylamino-3-methylbutyl)-dimethyl-; C<sub>6</sub>H<sub>5</sub>CH<sub>2</sub>N(Cl)(CH<sub>3</sub>)<sub>2</sub>CH<sub>2</sub>CH(CH<sub>3</sub>)<sub>2</sub>COCH<sub>3</sub>. (Ammonium compound, benzyl 2-acetyl-2-N,N'-dimethylaminomethylisoamyl dimethyl chloride; benzyl chloride quaternary salt of β-acetyl-β-isopropyl-trimethylene-tetramethyl-diamine).  
T houseflies. 112, 1411P.
- 571-692-852-1025.  
Benzophenone, di-(dimethylamino)-; (CH<sub>3</sub>)<sub>2</sub>NC<sub>6</sub>H<sub>4</sub>-COCH<sub>2</sub>H<sub>2</sub>N(CH<sub>3</sub>)<sub>2</sub>. (Tetramethyl diamino benzophenone).  
NT *Bombyx mori* larvae and codling moth. 559, 561, 915.
- 571-692-993-1024.  
2-Pentanone, 3, 3-bis(dimethylaminomethyl)-5-methyl-; CH<sub>3</sub>COC(CH<sub>2</sub>N(CH<sub>3</sub>)<sub>2</sub>)<sub>2</sub>CH(CH<sub>3</sub>)<sub>2</sub>. (1, 3-Propanediamine, 2-acetyl-2-isopropyl-N,N,N',N'-tetramethyl-; β-acetyl-β-isopropyl-trimethylene-tetramethyl-diamine).  
T as fly spray. 112, 1411P.
- 571-692-999-1024.  
Acetone, α,α-bis(dimethylaminomethyl)-; CH<sub>3</sub>COCH[CH<sub>2</sub>N(CH<sub>3</sub>)<sub>2</sub>]<sub>2</sub>. (1, 3-Propanediamine, 2-acetyl-N,N,N',N'-tetramethyl; β-acetyl-trimethylene-tetramethyl-diamine).  
HT as fly spray. 112, 1411P.
- 571-692-1027.  
Ketone, amino-, CU; RCO<sub>2</sub>NR<sub>1</sub>NR<sub>2</sub> or RCO<sub>2</sub>NR<sub>1</sub>(NR<sub>2</sub>)<sub>2</sub>. A pest-combating agent comprising at least one aliphatic amino-ketone, wherein R, R<sub>1</sub>, R<sub>2</sub> and R<sub>3</sub> represent alkyl radicals.  
Fly spray. 112, 1411P.
- 571-730-851-950.  
9-Acridone, 2-chloro-; O:(C<sub>14</sub>H<sub>5</sub>N)Cl. (2-Chloro-acridone).  
NT *Cochliomyia americana* C. and P. larvae. 944.
- 571-730-851-950.  
9-Acridone, 4-chloro-; O:(C<sub>14</sub>H<sub>5</sub>N)Cl. (4-Chloro-acridone).  
NT *Cochliomyia americana* C. and P. larvae. 944.
- 571-730-851-950-1011.  
Ketone, 8-chloroquinolyl methyl-, CU; CH<sub>3</sub>CO(C<sub>8</sub>H<sub>4</sub>N)Cl. (Aceto 8 chloroquinoline).  
NT *Pteris rapae*. 635.
- 571-730-851-951-1003.  
Propiophenone, p-chloro-β-piperidyl-; ClC<sub>6</sub>H<sub>4</sub>COOC<sub>2</sub>H<sub>5</sub>CH<sub>2</sub>C<sub>6</sub>H<sub>4</sub>NH. (α-Chlorobenzoyl-β-piperidino ethane). 719P.
- 571-730-950.  
9-Acridone, dihydro-; O:(C<sub>14</sub>H<sub>5</sub>N). (Acridone).  
MT codling moth at 4%; ST potato leaf hopper at 0.5%; NT screwworms. 156, 1481.

- 571-730-950-1011-1021.  
Ketone, methyl(6-methylquinolyl)-,  $\text{Cu}$ ;  $\text{CH}_3(\text{C}_6\text{H}_4\text{N})\text{COCH}_3$ . (Aceto 6-methyl quinoline; *N*-acetyl-6-methyl quinoline?).  
ST *Pieris rapae*. 635.
- 571-730-950-1021.  
Carbostyryl, 4-methyl-;  $\text{CH}_3(\text{C}_6\text{H}_4\text{N})\text{OH}$ . (Lepidone).  
ST silkworm; NT screwworms. 158, 559.
- 571-730-950-1021?  
5-Acridone, 10-methyl-;  $\text{O}:(\text{C}_{13}\text{H}_9\text{N})\text{CH}_3$ .  
HT mosquito larvae. 487.
- 571-730-951-1003.  
Propiophenone,  $\beta$ -piperidyl-;  $\text{C}_6\text{H}_5\text{COCH}_2\text{CH}_2\text{C}_5\text{H}_9\text{N}$ . ( $\alpha$ -Benzoyl- $\beta$ -piperidino ethane). 719P.
- 571-730-1024.  
4-Piperidone, 2, 2, 6, 6-tetramethyl-;  $\text{O}:(\text{C}_5\text{H}_8\text{N})-(\text{CH}_3)_4$ . (Triacetaminone).  
T *Aphis rumicis*. 1152.
- 571-732-950.  
3, 4-Benzocinnolinone,  $\text{Cu}$ ;  $\text{C}_{12}\text{H}_8\text{N}_2\text{O}$ . (3, 4-Benzoxanline oxide).  
HT codling moth and mosquito larvae. 487, 1291.
- 571-733-1022.  
2(1)- $\alpha$ -Triazone, 3, 4, 5, 6-tetrahydro-4, 6-dimethyl-;  $\text{O}:(\text{C}_5\text{H}_5\text{N}_3)(\text{CH}_3)_2$ . 361P.
- 571-740.  
2-Pyrrolidone;  $\text{O}:(\text{C}_4\text{H}_7\text{N})$ . (Pyrrolidone).  
T *Aphis rumicis*. 1153.
- 571-740-950.  
Phthalimidine;  $\text{O}:(\text{C}_8\text{H}_7\text{N})$ .  
T *Aphis rumicis*. 1152.
- 571-742.  
5-Pyrazolone;  $\text{O}:(\text{C}_5\text{H}_4\text{N}_2)$ . (Pyrazolone).  
T as mothproofing agent. 328P, 330P, 340P, 874P, 1178.
- 571-742-951-1021.  
5-Pyrazolone, 3-methyl-1-phenyl-;  $\text{O}:(\text{C}_8\text{H}_7\text{N}_2)-(\text{CH}_3)\text{C}_6\text{H}_5$ .  
NT greenhouse red spider and bean aphid at 4%; NT *Bombyx mori* and mosquito larvae. 457, 559, 1291, 1481.
- 571-742-951-1022.  
Anispyrine;  $\text{O}:(\text{C}_8\text{H}_7\text{N}_2)(\text{CH}_3)_2\text{C}_6\text{H}_5$ . (Analgesine; anodyne; dimethylxyloquinizine; 2, 3-dimethyl-1-phenyl-5(2)-pyrazolone; oxydimethylquinizine; phenazone; phenyl-dimethyl-pyrazole; phenylene; phenyl-methyl-isopyrazolone; phenyl-methyl-phenazone; pyrazine; pyrazoline; sedaline).  
NT screwworms, *Timola biadellia*, and *Attagus piceus*. 156, 739, 985, 1176.
- 571-742-1021.  
5-Pyrazolone, 3-methyl-;  $\text{O}:(\text{C}_8\text{H}_7\text{N}_2)\text{CH}_3$ .  
NT *Bombyx mori* larvae. 559.
- 571-801-820-950-1022-1389.  
Thiaxanthionum ethyl sulfate, 5-methyl-;  $\text{O}:(\text{C}_{15}\text{H}_{15}\text{S})(\text{CH}_3)\text{SO}_4\text{CH}_3$ . (S-Methylthioxanthone sulfonum methoxysulfate). 526P.
- 571-820-924.  
10-Thiaxanthone, 3, 4, 6, 7-dibenzo-;  $\text{C}_{21}\text{H}_{12}\text{OS}$ . (Dibenzo thioxanthone).  
ST greenhouse red spider at 1%; NT southern army worm at 1%. 1481.
- 571-820-924-950.  
10-Thiaxanthone, 2, 3-benzo-;  $\text{C}_{17}\text{H}_{10}\text{OS}$ . (Benzo-thioxanthone).  
ST greenhouse red spider at 2%; NT southern army worm at 4%. 1481.
- 571-820-950.  
Coumarin, 1-thio-;  $\text{O}:(\text{C}_9\text{H}_6\text{S})$ .  
T codling moth. 1327.
- 571-820-950.  
10-Thiaxanthone;  $\text{O}:(\text{C}_{15}\text{H}_{15}\text{S})$ . (Thioxanthone).  
ST greenhouse red spider at 1 and 2%; NT southern army worm at 4%. 1481.
- 571-825-950-951-1011-1030.  
2-Thianaphthenone, 4-( $\alpha$ -styrlyl)-;  $\text{O}:(\text{C}_8\text{H}_5\text{S})\text{CH}_2-\text{CH}_2\text{C}_6\text{H}_5$ . (Benzal-4-methyl-2(1) thionaphthenone).  
HT codling moth larvae. 1291.
- 571-825-950-951-1022-1030.  
3-Thianaphthenone, 2-benzylidene-5-methyl-;  $\text{O}:(\text{C}_8\text{H}_5\text{S})(\text{CH}_3)\text{CH}(\text{C}_6\text{H}_5)$ . (1-Benzal-4-methyl-2(1)-thionaphthenone).  
NT mosquito larvae. 487.
- 571-825-951-1021.  
2-Thianaphthenone, 4-methyl-;  $\text{O}:(\text{C}_8\text{H}_5\text{S})\text{CH}_3$ . (4-Methyl-2(1)-thionaphthenone).  
HT codling moth larvae. 1291.
- 571-841-930-1023.  
Camphor, monobromo-;  $\text{BrC}_{10}\text{H}_{17}\text{O}$ . (Camphor monobromated).  
NT screwworms. 158.
- 571-841-951-1011-1021.  
Acetophenone,  $\alpha$ -bromo-;  $\text{BrC}_6\text{H}_5\text{COCH}_3$ . (Bromo-methylphenylketone).  
T *Leptinotarsa decemlineata*. 1009.
- 571-841-952-1011.  
Acetophenone,  $\alpha$ -bromo-*p*-phenyl-;  $\text{C}_6\text{H}_5\text{C}_6\text{H}_4\text{COCH}_3-\text{Br}$ . (*p*-Phenylphenacyl bromide).  
HT codling moth larvae; MT mosquito larvae. 487, 488, 1291.
- 571-851-924.  
1(2)-Naphthalene, 3, 4-dihydro-2-chloro-;  $\text{ClC}_{10}\text{H}_8\text{O}$ . (Naphthalene,  $\alpha$ -keto-chlorotetrahydro-;  $\alpha$ -keto-monochlorotetrahydronaphthalene; monochlorotetrahydronaphthalenon (1) 1-keto-monochlorotetrahydronaphthalene).  
T as mothproofing agent. 1176, 1390P.
- 571-851-951-983-1022.  
Ketone,  $\alpha$ -chloro-heptadecyl xylol;  $(\text{CH}_3)_2\text{C}_6\text{H}_4-\text{COCH}(\text{Cl})(\text{CH}_2)_{15}\text{CH}_3$ . (Ketone,  $\alpha$ -chloroxyheptadecyl).  
NT houseflies. 1276.
- 571-851-951-1011.  
Acetophenone, *p*-chloro-;  $\text{CH}_3\text{COC}_6\text{H}_4\text{Cl}$ . (Methyl *p*-chlorophenyl ketone).  
HT codling moth larvae. 1285.
- 571-851-952-1012.  
Acetophenone,  $\alpha$ -chloro-*p*-phenyl-;  $\text{C}_6\text{H}_5\text{C}_6\text{H}_4\text{COCH}_3-\text{Cl}$ . (*p*-Phenylphenacyl chloride).  
ST screwworms at 0.87%; NT mosquito larvae. 158, 487.
- 571-851-1003.  
2-Propanone, 1-chloro-;  $\text{ClCH}_2\text{COCH}_3$ . (Chloroacetone).  
T *Sitophilus oryzae*; NT codling moth. 930, 1180.
- 571-852-924.  
1(2)-Naphthalene, dichlorotetrahydro-;  $\text{C}_{10}\text{H}_8-(\text{Cl})_2\text{O}$ . (Naphthalene,  $\alpha$ -keto-dichlorotetrahydro).  
T as mothproofing agent. 1176, 1390P.
- 571-852-951-1011.  
Acetophenone,  $\alpha$ -*p*-dichloro-;  $\text{Cl}_2\text{C}_6\text{H}_4\text{COCH}_3$ . (*p*- $\omega$ -Dichloroacetophenone).  
T as mothproofing agent; NT corn borer. 239, 1120.
- 571-852-951-1011.  
Acetophenone, 3, 4-dichloro-;  $\text{Cl}_2\text{C}_6\text{H}_4\text{COCH}_3$ .  
T codling moth larvae and ST as mothproofing agent. 239, 1120, 1285.
- 571-852-952-1011.  
Acetophenone,  $\alpha,\alpha$ -dichloro-*p*-phenyl-;  $\text{C}_6\text{H}_5\text{C}_6\text{H}_4\text{C}-\text{OCHCl}_2$ .  
T screwworm larvae at 0.17%; NT mosquito larvae. 487, 944.
- 571-852-1003.  
2-Propanone, 1, 3-dichloro-;  $\text{ClCH}_2\text{COCH}_2\text{Cl}$ . ( $\alpha,\alpha$ -Dichloroacetone). 1178, 1248P.  
Phosgene — see 331-1021.
- 571-855-924.  
1(2)-Naphthalene, 2, 2, 3, 4, 4-pentachloro-1, 2, 3, 4-tetrahydro-;  $\text{O}:(\text{C}_{10}\text{H}_2\text{Cl}_5)\text{Cl}_5$ . (2, 2, 3, 4, 4-Pentachloro-1-keto-1, 2, 3, 4-tetrahydro naphthalene).  
NT *Bombyx mori* larvae. 561.
- 571-851-975-1027.  
Amines, halogenated arylacylalkyl-,  $\text{Cu}$ .  
T as mothproofing agent. 1176, 1365P.
- 571-912.  
9-Fluorenone;  $\text{O}:(\text{C}_{13}\text{H}_8)$ . (9-Oxofluorene; ketoofluorene; diphenylene ketone).  
NT corn borer and *Pieris rapae*. 635, 1120.
- 571-912-951.  
Ketone, acenaphthenylphenyl-;  $\text{C}_{10}\text{H}_6\text{COC}_{10}\text{H}_7(\text{CH}_3)_2$ .  
NT screwworm larvae. 944.
- 571-912-951.  
Ketone, 2-fluorophenyl-;  $\text{C}_6\text{H}_5\text{COC}_6\text{H}_4\text{F}$ .  
NT screwworm larvae. 944.
- 571-924-1011.  
Ketone, methyl 2-naphthyl-;  $\text{CH}_3\text{COC}_{10}\text{H}_7$ . ( $\beta$ -Acetonaphthone). 1368P.
- 571-930-1023.  
Camphor, natural;  $\text{C}_{15}\text{H}_{26}\text{O}$ .  
T rat flea, housefly, *Posteurella pestis*, and *an*



- mothproofing agent: NT wireworms and *Hippodamia convergens*. 1P, 3P, 42, 56, 181P, 317P, 327P, 331P, 489P, 506P, 548, 574P, 583, 643A, 671, 796, 862P, 882P, 884P, 936P, 1024, 1025, 1077, 1101P, 1110, 1137P, 1138P, 1175, 1176, 1179, 1213, 1220, 1258P, 1261P, 1276, 1310, 1390, 1426P, 1465P, 1496P.
- 571-930-1023.  
Camphor, synthetic.  
T as mothproofing agent. 574P, 1179.
- 571-951-983-1022.  
Ketone, heptadecylxyl-, CU;  $(\text{CH}_3)_2\text{C}_6\text{H}_5\text{COC}_{17}\text{H}_{35}$ .  
NT houseflies. 1276.
- 571-951-989-1022.  
Ketone, undecylxyl-,  $(\text{CH}_3)_2\text{C}_6\text{H}_5\text{C}_{11}\text{H}_{23}$ .  
T houseflies. 1276.
- 571-951-999.  
Valerophenone;  $\text{CH}_3(\text{CH}_2)_8\text{COC}_6\text{H}_5$ . (Phenyl butyl ketone).  
NT wireworms. 846.
- 571-951-1003.  
Propiophenone;  $\text{C}_6\text{H}_5\text{COC}_2\text{H}_5$ .  
T houseflies. 1276.
- 571-951-1011.  
Acetophenone;  $\text{CH}_3\text{COC}_6\text{H}_5$ . (Methyl phenyl ketone; hyponone; acetylbenzene).  
T clothes moth, housefly, screwworms, *Lucilia cuprina* larvae, and codling moth larvae; NT *Melanoplus m. mexicanus*. 156, 849, 915, 1175, 1241P, 1242, 1276, 1285, 1291.
- 571-951-1011-1021.  
Acetophenone, *p*-methyl-,  $\text{CH}_3\text{COC}_6\text{H}_4\text{CH}_3$ . (Methyl *p*-tolyl ketone).  
T codling moth larvae. 1285, 1291.
- 571-951-1021-1212-1291.  
Selenium dichloride, bis(*p*-acetylphenyl)-;  $(\text{CH}_3\text{COC}_6\text{H}_4)_2\text{SeCl}_2$ .  
T as mothproofing agent. 399P, 429P, 679P, 1175.
- 571-952-999-1032.  
2, 4-Pentadien-1-one, 1, 5-diphenyl-,  $\text{C}_6\text{H}_5\text{CH}:\text{CH}-\text{CH}:\text{CHCOC}_6\text{H}_5$ . (Cinnamyl acetophenone).  
NT *Bombix mori* larvae and NT corn borer at 4 lbs./100 gal. 559, 1122.
- 571-952-999-1033.  
3-Pentadienone, 1, 5-diphenyl-,  $(\text{C}_6\text{H}_5\text{CH}:\text{CH})_2\text{CO}$ . (Dibenzalacetone; cinnamone; dicinnamyl ketone; styryl ketone; distyryl ketone; 1, 4-pentadien-3-one, 1, 5-diphenyl).  
NT corn borer. 156, 1120.
- 571-952-1001-1030.  
3-Buten-2-one, 4-phenyl-,  $\text{C}_6\text{H}_5\text{CH}:\text{CHCOCH}_3$ . (Benzalacetone; benzylidene acetone; methyl styryl ketone; cinnamyl methyl ketone; acetocinnamone).  
T screwworms at 0.17-0.33%. 156.
- 571-952-1003.  
2-Propanone, 1, 3-diphenyl-,  $(\text{C}_6\text{H}_5\text{CH}_2)_2\text{CO}$ . (Ketone, dibenzyl).  
T houseflies. 1276.
- 571-952-1003-1030.  
Chalcone;  $\text{C}_6\text{H}_5\text{CH}:\text{CHCOC}_6\text{H}_5$ . (Benzalacetophenone; benzylidenacetophenone; phenyl styryl ketone; 1, 3-diphenyl-2-propen-1-one).  
T screwworms at 0.10-0.17%. 156.
- 571-952-1011.  
Desoxybenzoic;  $\text{C}_6\text{H}_5\text{CH}_2\text{COC}_6\text{H}_5$ . ( $\alpha$ -Phenylacetophenone; benzyl phenyl ketone).  
100% T mosquito larvae and 97% T codling moth larvae. 487, 1291.
- 571-952-1011.  
Acetophenone, *p*-phenyl-,  $\text{C}_6\text{H}_5\text{C}_6\text{H}_4\text{COCH}_3$ .  
NT screwworms. 156.
- 571-952-1021.  
Benzophenone;  $(\text{C}_6\text{H}_5)_2\text{CO}$ . (Phenyl ketone; diphenyl ketone; benzoyl benzene;  $\alpha$ -oxodiphenylmethane).  
T codling moth larvae, screwworms, clothes moths, houseflies, and southern army worm. 156, 331P, 1176, 1276, 1285, 1481.
- 571-957-1001-1023-1030.  
 $\alpha$ -Ionone;  $(\text{CH}_3)_2\text{C}_6\text{H}_5\text{CH}:\text{CHCOCH}_3$ . (4-(2, 6, 8-Trimethyl-2-cyclohexenyl)-3-buten-2-one).  
NT wireworms. 846.
- 571-957-1001-1023-1030.  
 $\beta$ -Ionone;  $(\text{CH}_3)_2\text{C}_6\text{H}_5\text{CH}:\text{CHCOCH}_3$ . (4-(2, 6, 8-Trimethyl-1-cyclohexenyl)-3-buten-2-one).  
ST wireworms. 846.
- 571-957-1003-1021-1030.  
Carvone;  $\text{CioH}_{16}\text{O}$ . (*d*-6, 8(9)-*p*-Menthadien-2-one; carvol).  
T *Lucilia cuprina* larvae and T screwworms at 0.17-0.33%. 156, 849.
- 571-961-961.  
Cyclohexanone;  $\text{C}_6\text{H}_{10}\text{O}$ .  
T *Lucilia cuprina* and codling moth larvae and as mothproofing agent. 43, 44, 45, 156, 849, 1179, 1285.
- 571-961-1021.  
Cyclohexanone, 2-methyl-,  $\text{O}:(\text{C}_6\text{H}_5)\text{CH}_3$ . (*o*-Methylcyclohexanone).  
NT red scale. 268.
- 571-961-1021.  
Cyclohexanone, 3-methyl-,  $\text{O}:(\text{C}_6\text{H}_5)\text{CH}_3$ . (*m*-Methylcyclohexanone).  
NT red scale. 268.
- 571-961-1021.  
Cyclohexanone, 4-methyl-,  $\text{O}:(\text{C}_6\text{H}_5)\text{CH}_3$ . (*p*-Methylcyclohexanone).  
T clothes moths; NT red scale. 268, 401P, 405P, 1175.
- 571-961-1021.  
Cyclohexanone, methyl-, CU;  $\text{O}:(\text{C}_6\text{H}_5)\text{CH}_3$ .  
T as mothproofing agent. 94P, 405P, 1175, 1362P.
- 571-968.  
Cyclopentanone;  $\text{O}:(\text{C}_6\text{H}_5)$ . (Ketopentamethylene; adipic ketone).  
100% codling moth larvae. 156, 1285, 1291.
- 571-968-950.  
1-Indanone;  $\text{O}:(\text{C}_6\text{H}_5)$ . ( $\alpha$ -Hydrindone).  
T houseflies. 1276.
- 571-968-952-1022-1033.  
Cyclopentanone, 2, 5-dibenzal-,  $\text{O}:(\text{C}_6\text{H}_5)(\text{CH}:\text{CHC}_6\text{H}_5)_2$ . (Dibenzalicyclopentanone).  
NT corn borer and screwworm larvae. 944, 1120.
- 571-968-972-1003-1021.  
Thujone;  $\text{C}_{10}\text{H}_{16}\text{O}$ .  
T *Lucilia cuprina* larvae. 849.
- 571-988.  
2-Tridecanone;  $\text{C}_{11}\text{H}_{22}\text{COC}_2\text{H}_5$ . (Methyl undecyl ketone).  
90% T *Bombix mori* larvae and T houseflies. 559, 1276, 1363P.
- 571-990.  
6-Hendecanone;  $\text{C}_9\text{H}_{18}\text{COC}_2\text{H}_5$ . (Di-*n*-amyl ketone).  
T *Sitophilus oryzae*. 1180.
- 571-991.  
2-Octanone, 2, 6-dimethyl-,  $\text{CH}_3\text{CH}_2\text{CH}(\text{CH}_3)-(\text{CH}_2)_2\text{CH}(\text{CH}_3)\text{COCH}_3$ . 619P.
- 571-992.  
2-Nonanone;  $\text{CH}_3\text{CO}(\text{CH}_2)_6\text{CH}_3$ . (Methyl heptyl ketone).  
ST wireworms. 846.
- 571-992.  
4-Heptanone, 2, 6-dimethyl-,  $[(\text{CH}_3)_2\text{CHCH}_2]_2\text{CO}$ . (Diisobutyl ketone; *s*-diisopropylacetone; isovalerone; valerone).  
T codling moth larvae. 619P, 1285.
- 571-992-1033.  
2, 5-Heptadien-4-one, 2, 6-dimethyl-,  $(\text{CH}_3)_2\text{C}:\text{CHCOCH}:\text{C}(\text{CH}_3)_2$ . (Crystox; di-isopirone; phorone?).  
T houseflies. 1276.
- 571-993.  
2-Octanone;  $\text{CH}_3\text{COC}_6\text{H}_{13}$ . (Hexylmethyl ketone).  
100% T codling moth larvae. 1285.
- 571-995.  
Butyryl;  $\text{C}_4\text{H}_9\text{COC}_2\text{H}_5$ . (Dipropyl ketone).  
T *Sitophilus oryzae*. 1180.
- 571-995.  
2-Heptanone;  $\text{CH}_3\text{COC}_6\text{H}_{11}$ . (Methyl *n*-amyl ketone).  
100% T codling moth larvae and T *Sitophilus oryzae*. 1180, 1285.
- 571-995.  
3-Pentanone, 2, 4-dimethyl-,  $(\text{CH}_3)_2\text{CHCOCH}(\text{CH}_3)_2$ . (Diisopropyl ketone).  
T codling moth larvae, NT red scale. 268, 1285.
- 571-997.  
2-Hexanone;  $\text{CH}_3\text{CO}(\text{CH}_2)_4\text{CH}_3$ . (Methyl *n*-butyl ketone).  
NT red scale. 268.

- 571-997.  
Pinacolone;  $\text{CH}_3\text{COC}(\text{CH}_3)_3$ . (Methyl-*tert*-butyl ketone).  
NT red scale. 268.
- 571-997.  
2-Pentanone, 4-methyl-;  $\text{CH}_3\text{COCH}_2\text{CH}(\text{CH}_3)_2$ . (Isobutyl methyl ketone).  
T codling moth larvae, NT red scale. 268, 1285.
- 571-997-1030.  
Mesityl oxide;  $(\text{CH}_3)_2\text{C}=\text{CHCOCH}_3$ . (4-Methyl-3-penten-2-one; isopropylideneacetone).  
100% T rice weevil and HT codling moth larvae. 1180, 1291.
- 571-999.  
2-Pentanone;  $\text{CH}_3\text{COC}_2\text{H}_5$ . (Methyl *n*-propyl ketone).  
MT codling moth larvae; NT *Chrysomphalus aurantii*. 268, 1285.
- 571-999.  
3-Pentanone;  $\text{C}_5\text{H}_{10}\text{COC}_2\text{H}_5$ . (Diethyl ketone; *sym*-dimethylacetone; propione; ethyl ketone).  
NT red scale. 268.
- 571-999.  
2-Butanone, 3-methyl-;  $\text{CH}_3\text{COCH}(\text{CH}_3)_2$ . (Methyl isopropyl ketone).  
100% T codling moth larvae; NT *Chrysomphalus aurantii*. 268, 555.
- 571-1001.  
2-Butanone;  $\text{CH}_3\text{COC}_2\text{H}_5$ . (Methyl ethyl ketone).  
MT codling moth larvae; NT wireworms, red scale, and *Aphis rumicis*. 268, 846, 1152, 1285.
- 571-1003.  
Acetone;  $\text{CH}_3\text{COCH}_3$ . (2-Propanone, dimethyl ketone).  
T as mothproofing agent and as aphicide; NT red scale, *Aphis rumicis*, and *Tenebrio molitor*. 84, 268, 372P, 396P, 400P, 402P, 411P, 425P, 639P, 828P, 829P, 1010, 1152, 1164P, 1175, 1241P, 1242P, 1399P, 1400P, 1465P.
- 571-1003-1218-1393.  
Acetone, sodium bisulphite compound with;  $\text{CH}_3\text{COCH}_2\text{SO}_3\text{Na}$ .  
NT *Melanoplus m. mexicanus*. 1150.  
Carbon dioxide — see 1128-1350.  
Carbon monoxide — see 1128-1350.
- 571-1027-1045.  
Ketone, alkylaryl-,  $\text{CU}$ ;  $\text{R}_1\text{COR}_2$ .  $\text{R}_1$  is an alkyl group and  $\text{R}_2$  is an alkyl, an aryl, or an aralkyl group. 1368P.
- 572-581-620-950.  
Coumarin, acetyl-4-hydroxy-,  $\text{CU}$ ;  $\text{O}:(\text{C}_6\text{H}_4\text{O})(\text{OH})\text{COCH}_3$ . ( $\alpha$ -Acetobenzotetronic acid). 525P.
- 572-581-953-999.  
1, 5-Pentanedione, 3-( $\alpha$ -hydroxyphenyl)-1, 5-diphenyl-;  $\text{HOCH}_2\text{CH}(\text{CH}_2\text{COC}_6\text{H}_5)_2$ . (2-Hydroxybenzaldiacetophenone).  
ST as mothproofing agent; NT corn borer. 239, 1120.
- 572-582-910.  
Anthraquinone;  $\text{HOOC}_6\text{H}_4(\text{CO})_2\text{C}_6\text{H}_4\text{OH}$ . (1, 5-Dihydroxyanthraquinone).  
NT screwworms and *Pieris rapae*. 156, 635.
- 572-582-952.  
Quinhydrone;  $(\text{O})_2\text{C}_6\text{H}_4\text{C}_6\text{H}_4(\text{OH})_2$ . (Benzoquinhydrone).  
T roaches and 31.9% T corn borer; NT as mothproofing agent. 239, 587.
- 572-584-910.  
Rufignolol;  $\text{C}_{12}\text{H}_{18}\text{O}_8$ . (Rufignollic acid).  
NT screwworms. 156.
- 572-588-732-951-1011-1218.  
Sodium phenobarbital;  $\text{NaO}(\text{O})_2(\text{C}_6\text{H}_5\text{N})(\text{C}_6\text{H}_5)\text{C}_6\text{H}_4$ . (Sodium 5-ethyl-5-phenylbarbituric acid).  
T screwworms at 0.17-0.33%; NT mosquito larvae. 156, 487.
- 572-588-732-1012-1218.  
Sodium barbital;  $\text{NaO}(\text{O})_2(\text{C}_6\text{H}_5\text{N})(\text{C}_6\text{H}_5)_2$ . (Sodium 5, 5-diethylbarbiturate).  
T screwworms at 0.17-0.33%. 156.
- 572-591-954-1011-1023.  
Benzophenone, 5-methyl-*o*-phenylmethoxy-2'- $\alpha$ -toluyl-;  $\text{C}_6\text{H}_5\text{CH}_2\text{COC}_6\text{H}_4\text{COC}_6\text{H}_4(\text{CH}_3)\text{OCH}_2\text{C}_6\text{H}_5$ .  
Fly spray. 96P, 112, 688P, 690P, 693P, 694P, 696P.
- 572-591-954-1023.  
Ether, *p*-benzoylbenzyl *p*-benzoylphenyl-;  $\text{C}_6\text{H}_5\text{COC}_6\text{H}_4\text{CH}_2\text{OC}_6\text{H}_4\text{COC}_6\text{H}_5$ .  
Fly spray. 112, 690P.
- 572-592-625-952.  
Pinocresinol, dimethyl-;  $(\text{C}_6\text{H}_5\text{O})_2[\text{CH}_2\text{OC}_6\text{H}_4\text{COCH}_3]_2$ .  
NT when used as synergist with pyrethrum against houseflies. 617.
- 572-592-852-997-1004-1033.  
Succinic acid,  $\alpha,\beta$ -dimethyl-, di-(2-chloroallyl) ester;  $(\text{CH}_3\text{CH})_2(\text{COOCH}_2\text{Cl}:\text{CH}_2)_2$ .  
Fly spray. 112, 216P.
- 572-592-852-1001-1004-1033.  
Succinic acid, di-(2-chloroallyl) ester;  $(\text{CH}_2)_2(\text{COOCH}_2\text{Cl}:\text{CH}_2)_2$ .  
69% T houseflies at 3%. 112, 216P.
- 572-592-853.  
Phenoquinone;  $\text{C}_{18}\text{H}_{12}\text{O}_4$ .  
NT corn borer. 1120.
- 572-592-1001-1004-1033.  
Succinic acid, diallyl ester;  $(\text{CH}_2)_2(\text{COOCH}_2\text{CH}::\text{CH}_2)_2$ .  
Fly spray. 112, 216P.
- 572-621-630-1003-1022.  
Filicin (male fern);  $(\text{CH}_3)_2(\text{C}_6\text{H}_5\text{O})(\text{O})\text{COC}_6\text{H}_5$ ?  
HT mosquito larvae at 0.1%. 843A.
- 572-625-854-950.  
Phthalic anhydride, tetrachloro-;  $(\text{O})_2(\text{C}_6\text{O})\text{Cl}_4$ .  
T screwworms at 0.33-0.67%. 156.
- 572-625-874-950.  
Phthalic anhydride, tetraiodo-;  $(\text{O})_2(\text{C}_6\text{O})\text{I}_4$ .  
NT *Bombyx mori* larvae. 110, 559.
- 572-625-950.  
Phthalic anhydride;  $(\text{O})_2(\text{C}_6\text{H}_4\text{O})$ . (Phthalandione).  
ST screwworms at 0.67%. 156, 1291.
- 572-625-950-1022.  
Cantharidin. (Hexahydro-3a, 7a-dimethyl-4, 7-epoxyisobenzofuran-1, 3-dione).  
T most lepidopterous larvae. 583A.
- 572-671-910.  
Anthraquinone, 1-amino-;  $(\text{O})_2(\text{C}_{14}\text{H}_7)\text{NH}_2$ . ( $\alpha$ -Anthraquinonylamine).  
NT screwworms. 156.
- 572-671-910.  
Anthraquinone, 2-amino-;  $(\text{O})_2(\text{C}_{14}\text{H}_7)\text{NH}_2$ . ( $\beta$ -Anthraquinonylamine).  
NT screwworms. 156.
- 572-672-910.  
Anthraquinone, 2, 5-diamino-;  $(\text{O})_2(\text{C}_{14}\text{H}_6)(\text{NH}_2)_2$ .  
NT Colorado potato beetle and Mexican bean beetle. 806.
- 572-682-910-952-1022.  
Anthraquinone, 1, 4-ditoluino-;  $(\text{O})_2(\text{C}_{14}\text{H}_6)(\text{NHC}_6\text{H}_4\text{CH}_3)_2$ . 1444P.
- 572-732-742-1023.  
Caffeine;  $\text{C}_8\text{H}_{10}\text{N}_4\text{O}_2\text{H}_2\text{O}$ . (1, 3, 7-Trimethylxanthine).  
NT codling moth and clothes moth larvae. 915, 985, 1176.
- Caffeine arsenate.  
ST tobacco worm moths. 553.
- Caffeine benzoate.  
NT silkworms. 561.
- Caffeine citrate.  
NT silkworms. 561, 915.
- Caffeine hydroxide.  
NT silkworms. 561.
- Caffeine salicylate.  
30% T silkworms. 561.
- Caffeine tannate.  
40% T silkworms. 561.
- 572-732-796.  
Barbituric acid, 2-thio-;  $(\text{O})_2(\text{C}_4\text{H}_4\text{N}_2):\text{S}$ . (Thio-barbituric acid).  
69% T codling moths; NT *Bombyx mori* larvae. 487, 559, 1291, 1432.
- 572-740.  
Succinimide;  $(\text{O})_2(\text{C}_4\text{H}_5\text{N})$ .  
T *Aphis rumicis*. 1152.
- 572-740-842-950.  
Isatin, 5, 7-dibromo-;  $(\text{O})_2(\text{C}_6\text{H}_3\text{N})\text{Br}_2$ . 527P.
- 572-740-950.  
Phthalimide;  $(\text{O})_2(\text{C}_6\text{H}_4\text{N})$ . (1, 3-Isindole-1,3-dione; *o*-phthalic imide).  
63% T codling moth larvae; NT screwworms and mosquito larvae. 156, 290, 487, 559, 915.

- 572-740-950-1030.  
Indigotin;  $C_{16}H_{10}N_2O_2$ . (Indigo blue; indigo).  
NT clothes moths and screwworms. 156, 974, 1176.
- 572-740-950-1196.  
Potassium phthalimide;  $(O)_2(C_8H_5N)K$ .  
NT *Tineola biselliella* and *Attagenus piceus*. 739, 1176.
- 572-740-950-1276.  
Phthalimide *N*-bromo-;  $(O)_2(C_8H_4N)Br$ . (Phthalic acid bromimide).  
T as mothproofing agent. 1176, 1365P.
- 572-742-851-951-1021.  
Hydantoin, 5-(*p*-chlorophenyl)-5-methyl-;  $(O)_2(C_8H_7N_2)(CH_3)C_6H_4Cl$ .  
NT corn borer at 4 lb./100 gal. 1122.
- 572-742-851-1021.  
Hydantoin, 5-methyl-5-phenyl-;  $(O)_2(C_8H_7N_2)(CH_3)C_6H_5$ .  
NT corn borer at 4 lb./100 gal. 1122.
- 572-742-968.  
Hydantoin, 5-pentamethylene;  $(O)_2(C_8H_2N_2)C_5H_9$ .  
NT corn borer at 4 lb./100 gal. 1122.
- 572-742-1004.  
Hydantoin, 5, 5-diisopropyl-;  $(O)_2(C_8H_7N_2)(C_3H_7)_2$ .  
NT corn borer at 4 lb./100 gal. 1122.
- 572-750-950-951.  
Phthalimide, *N*-phenyl-;  $(O)_2(C_8H_5N)C_6H_5$ .  
NT corn borer at 4 lb./100 gal. 1122.
- 572-851-910.  
Anthraquinone, 2-chloro-;  $(O)_2(C_{14}H_7)Cl$ . ( $\beta$ -Chloro-anthraquinone).  
97% T codling moth larvae; NT *Bombyx mori* and mosquito larvae. 156, 487, 559, 1291.
- 572-854-951.  
Chloranil;  $(O)_2C_6Cl_4$ . ("Spergon"; tetrachloroquinone; tetrachlorobenzquinone).  
T eggs of *Oncopeltus fasciatus*; NT screwworms. 13, 156.
- 572-910.  
Anthraquinone;  $(O)_2(C_{14}H_8)$ . (9, 10-Dihydroxy-9, 10-diketooanthracene).  
T Japanese beetles, 63% T codling moth larvae, and ST greenhouse red spider; NT *Epilachna borealis*, clothes moths, southern army worm, and screwworms. 156, 331P, 494, 739, 1008, 1176, 1291, 1481.
- 572-910.  
Phenanthrenequinone;  $(O)_2(C_{14}H_8)$ . (Phenanthraquinone; 9, 10-dihydro-9, 10-dioxophenanthrene).  
NT *Bombyx mori* larvae. 559.
- 572-910-1021.  
Anthraquinone, 2-methyl-;  $(O)_2(C_{14}H_7)CH_3$ . ( $\beta$ -Methyl anthraquinone).  
89% T codling moth larvae; ST mosquito larvae; NT silkworm larvae. 487, 488, 559, 1291.
- 572-924.  
1, 2-Naphthoquinone;  $(O)_2(C_{10}H_6)$ . ( $\beta$ -Naphthoquinone).  
NT *Tineola biselliella* and *Attagenus piceus*. 739, 1176.
- 572-924.  
1, 4-Naphthoquinone;  $(O)_2(C_{10}H_6)$ . (1, 4-Dihydro-1, 4-diketoo-naphthalene;  $\alpha$ -naphthoquinone).  
NT *Bombyx mori*, *Tineola biselliella*, and *Attagenus piceus*. 559, 739.
- 572-928.  
1, 3-Indandione;  $(O)_2(C_8H_6)$ .  
55% T houseflies. 791.
- 572-951.  
Quinone;  $C_6H_4O_2$ . (*p*-Benzoquinone; 1, 4-cyclohexadienedione).  
T screwworms at 0.17-0.33%. 156.
- 572-951-1001.  
1, 3-Butanedione, 1-phenyl-;  $CH_3COCH_2COC_6H_5$ . (Benzoylacetone).  
T houseflies and as mothproofing agent. 112, 227P, 684P, 1175, 1276.
- 572-952-1003.  
1, 3-Propanedione, 1, 3-diphenyl-;  $(C_6H_5CO)_2CH_2$ . (Dibenzoyl methane).  
T houseflies at 1%, 112, 792P.
- 572-952-1011.  
Benzil;  $(C_6H_5CO)_2$ . (Diphenylglyoxal; dibenzoyl; bibenzoyl; diphenyl diketone).  
T clothes moths, houseflies, and 81% T codling moth larvae. 156, 333P, 1176, 1276, 1285, 1291.
- 572-953-999.  
1, 5-Pentanedione, 1, 3, 5-triphenyl-;  $C_6H_5CH(CH_2COC_6H_5)_3$ . (Benzaldiacetophenone; benzylidenediacetophenone).  
ST as mothproofing agent; NT corn borer. 239, 1120.
- 572-997.  
2, 5-Hexanedione;  $CH_3COCH_2CH_2COCH_3$ . (Acetylacetone; sym-diacetylene).  
NT codling moth larvae. 1285.
- 572-999.  
2, 4-Pentanedione;  $CH_3COCH_2COCH_3$ . (Acetylacetone).  
T houseflies at 1%; MT *Chrysomphalus aurantii*. 112, 268, 792P.
- 572-1001.  
2, 3-Butanedione;  $CH_3COCOC_6H_5$ . (Diacetyl; dimethylglyoxal; biacetyl; dimethyl diketone).  
NT red scale and rice weevil. 208, 1180.
- 572-1027.  
Ketones.  
Fly spray. 112, 792P.
- 573-581-962-1011-1024.  
2-[ $\alpha$ -(2-Hydroxy-6-oxo-4, 4-dimethyl-1-cyclohexenyl)-ethyl]5, 5-dimethyl-1, 3-cyclohexanedione;  $(O)_2(C_6H_3)_2C_6H_4CH(CH_3)C_6H_4(C_6H_4)_2(O)OH$ .  
NT as mothproofing agent. 239.
- 573-620-951-1022.  
1, 2-Pyran-2, 4(3)-dione, 3-benzoyl-6-methyl-;  $CH_3C_6H_4O(C_6H_4)COC_6H_5$ . (Dehydrobenzoyl acetic acid).  
16.1% T corn borer. 1120.
- 573-620-1011-1021.  
1, 2-Pyran-2, 4(3)dione, 3-acetyl-6-methyl-;  $(O)_2(C_6H_5O)(CH_3)COC_6H_5$ .  
ST corn borer; NT as mothproofing agent. 239, 1120.
- 573-732.  
Barbituric acid;  $(O)_2(C_4H_4N_2)$ . (Malonylurea; pyridintrione).  
T screwworms at 0.17-0.33%; NT codling moth larvae. 156, 915.
- 573-732-742.  
Uric acid;  $C_5H_4N_4O_3$ .  
Attrahent for oriental peach moth. 1094.
- 573-732-842.  
Barbituric acid, 5, 5-dibromo-;  $(O)_2(C_4H_2N_2)Br_2$ .  
ST codling moth larvae. 156, 915.
- 573-732-852.  
Barbituric acid, 5, 5-dichloro-;  $(O)_2(C_4H_2N_2)Cl_2$ .  
NT codling moth larvae. 915.
- 573-732-951-1011-1218.  
Sodium phenobarbital — see 572-588-732-951-1011-1218.
- 573-732-999-1011.  
Amytal;  $(O)_2(C_4H_8N_2)(C_6H_5)C_6H_5$ . (5-Ethyl-5-isoamylbarbituric acid).  
NT mosquito larvae. 487.
- 573-732-1012.  
Barbituric acid, 5, 5-diethyl-;  $(O)_2(C_4H_8N_2)(C_2H_5)_2$ . (Barbital; veronal; barbitone; malourea).  
MT codling moth larvae and T screwworms at 0.10-0.17%. 156, 915.
- 573-732-1012-1218.  
Sodium barbital — see 572-588-732-1012-1218.
- 573-733.  
Cyanuric acid;  $(O)_2(C_3H_3N_3)$ . (*s*-Triazinetriol; trihydroxycyanidine; tricyan acid).  
NT mosquito larvae and rice weevil. 487, 1180.
- 573-742.  
Parabanic acid;  $(O)_2(C_8H_8N_2)$ . (Oxaly urea; imidazolidintrione).  
NT codling moth larvae. 915.
- 573-924-928-1021.  
1, 3-Indandione, 2-(2-naphthyl)-;  $(O)_2(C_8H_6)COC_6H_4$ . (2- $\beta$ -Naphthoyl-1, 3-indandione).  
40% T houseflies. 791.
- 573-928-951-1021.  
1, 3-Indandione, 2-benzoyl-;  $(O)_2(C_8H_6)COC_6H_5$ .  
50% T houseflies. 791.
- 573-928-951-1021.  
1, 3-Indandione, 2-hexahydrobenzoyl-;  $(O)_2(C_8H_6)COC_6H_{11}$ .

- 70% T houseflies. 791.  
573-928-995.  
1, 3-Indandione, 2-*enanthoyl*-;  $(O)_2(C_8H_5)COC_2H_5$ .  
H<sub>11</sub>.  
51% T houseflies. 791.  
573-928-997.  
1, 3-Indandione, 2-*caproyl*-;  $(O)_2(C_8H_5)COC_6H_{11}$ .  
63% T houseflies. 791.  
573-928-999.  
1, 3-Indandione, 2-*pivalyl*-;  $(O)_2(C_8H_5)COC_4H_9$ .  
89% T houseflies. 791.  
573-928-999.  
1, 3-Indandione, 2-*isovaleryl*-;  $(O)_2(C_8H_5)COC_4H_9$ .  
80% T houseflies. 791.  
573-928-999-1030.  
1, 3-Indandione, 2-*senecioyl*-;  $(O)_2(C_8H_5)COCH_2C(CH_3)_2$ .  
33% T houseflies. 791.  
573-928-1001.  
1, 3-Indandione, 2-*butyryl*-;  $(O)_2(C_8H_5)COC_4H_9$ .  
63% T houseflies. 791.  
573-928-1001.  
1, 3-Indandione, 2-*isobutyryl*-;  $(O)_2(C_8H_5)COC_4H_9$ .  
58% T houseflies. 791.  
573-928-1003.  
1, 3-Indandione, 2-*propionyl*-;  $(O)_2(C_8H_5)COC_3H_7$ .  
49% T houseflies. 791.  
573-928-1011.  
1, 3-Indandione, 2-*acetyl*-;  $(O)_2(C_8H_5)COCH_3$ .  
37% T houseflies. 791.  
573-955-993.  
1, 7-Heptanedione, 4-*benzoyl*-1, 3, 5, 7-tetraphenyl-;  
 $C_6H_5COCH[CH(C_6H_5)CH_2COC_6H_5]_2$ . (Dibenzaltri-  
acetophenone (isomer B)).  
ST as mothproofing agent; NT corn borer. 239,  
1120.  
574-582-732.  
Alloxantin;  $C_8H_8N_4O_6 \cdot 2H_2O$ . (Uroxin).  
ST codling moth larvae. 915.  
574-740-950-1011.  
Phthalimide, *p,p'*-ethylenedi-;  $(O)_2(C_8H_4N)CH_2$ -  
 $CH_2(C_8H_4N)(O)_2$ .  
NT *Bombyx mori* larvae. 559.  
581-591-625-730-950-1022-1389.  
Codeine sulphate;  $(C_{18}H_{21}O_3N)_2H_2SO_4$ .  
T *Aphis rumicis*. 1152.  
581-591-655-852-952.  
Guaiacol, 4-(2, 5-dichlorophenylazo)-;  $Cl_2C_6H_3$ -  
 $NNC_6H_4(OCH_3)OH$ .  
NT mosquito larvae. 487.  
581-591-665-852-952-1011.  
Phenol, 4-(2, 5-dichlorophenylazo)-3-ethoxy-;  $Cl_2$ -  
 $C_6H_3NNC_6H_4(OC_2H_5)OH$ .  
62% T mosquito larvae. 487, 488.  
581-591-665-924-951-1021.  
2-Naphthol, 1-(*o*-anisylazo)-;  $CH_3OC_6H_4NNC_{10}H_7$ -  
 $OH$ .  
66% T mosquito larvae. 487.  
581-591-681-692-1027.  
Hydroxylamine compounds, CU;  $R_1N(R_2)C(NH)R_3$ -  
 $NROH$ .  
R is selected from the group consisting of alkyl,  
alkoxyalkyl, and hydroxyalkyl radicals, etc. 316P.  
581-591-681-800-952-1011.  
Phenol, *p*-phenetidine;  $C_6H_5OC_2H_4NHC_6H_4OH$ .  
(Sulfurised *p*-ethoxy-*p*-hydroxy-diphenylamine).  
40% T Mexican bean beetle. 606, 1432.  
581-591-720-730-950-1011-1022-1030.  
Quinine;  $C_{20}H_{24}N_2O_5 \cdot 3H_2O$ .  
T as mothproofing agent; NT codling moth larvae.  
744P, 885P, 915, 1176, 1179, 1281, 1282P.  
581-591-720-730-950-1011-1022-1030.  
Quinidine;  $C_{20}H_{24}N_2O_5$ . (Isomer of quinine).  
T as mothproofing agent. 739, 740P, 742, 743,  
744P, 1176.  
581-591-720-730-950-1011-1022-1030-1291.  
Quinine hydrochloride;  $C_{20}H_{24}N_2O_5 \cdot HCl$ .  
T as mothproofing agent. 739, 1176.  
581-591-720-730-950-1011-1022-1030-1291.  
Quinidine hydrochloride;  $C_{20}H_{24}N_2O_5 \cdot HCl$ .  
T as mothproofing agent. 739, 1176.  
581-591-720-730-950-1011-1022-1030-1312.  
Quinidine hydrofluoride;  $C_{20}H_{24}N_2O_5 \cdot HF$ .  
T as mothproofing agent. 739, 1176.  
581-591-720-730-950-1011-1022-1030-1389.  
Quinine sulphate;  $(C_{20}H_{24}N_2O_5)_2 \cdot H_2SO_4$ .  
T as mothproofing agent; NT clothes moths (985).  
739, 885P, 985, 1176.  
581-591-720-730-950-1011-1022-1030-1389.  
Quinidine sulphate;  $(C_{20}H_{24}N_2O_5)_2 \cdot H_2SO_4$ .  
T *Aphis rumicis* and as mothproofing agent. 739,  
744P, 1152, 1176.  
Cinchona alkaloids.  
T as mothproofing agent. 44, 192P, 739, 740P,  
741P, 744P, 885P, 1176.  
Cinchonine hydrochloride (exact constitution in-  
definite);  $C_{19}H_{23}N_2O \cdot HCl$ .  
T as mothproofing agent. 739, 1176.  
Cinchonine oleate (exact constitution indefinite);  
 $C_{19}H_{23}N_2O \cdot HOOC(C_{17}H_{33})$ .  
T as mothproofing agent. 739, 1176.  
Quinicine hydrochloride (exact constitution indefinite);  
 $C_{20}H_{24}N_2O_5 \cdot HCl$ .  
T as mothproofing agent. 739, 1176.  
Quinicine oleate (exact constitution indefinite);  $C_{20}$ -  
 $H_{24}N_2O_5 \cdot HOOC(C_{17}H_{33})$ .  
NT *Tineola bisellella* and *Attagenus piceus*. 739,  
1176.  
Quinoidine, (a mixture of quinotoxins prepared from  
quinoidine).  
T as mothproofing agent. 739, 1176.  
Quinoidine oleate.  
T as mothproofing agent. 739, 1176.  
Quinoidine, (a mixture of cinchona alkaloids, con-  
stitution unknown).  
T as mothproofing agent; NT silkworms and *Me-  
lanoplus m. mexicanus*. 561, 739, 740P, 744P, 745P,  
1150, 1176.  
Quinidine hydrochloride.  
T as mothproofing agent. 739, 1176.  
Quinoidine oleate.  
T as mothproofing agent. 739, 745P, 915, 1176.  
For other cinchona alkali derivatives see:  
541-581-591-720-730-950-983-1011-1022-1033.  
541-581-720-730-950-983-1011-1021-1033.  
541-582-720-730-950-951-1011-1022-1030.  
For compounds related to quinine see:  
541-730-950-951-1021.  
541-730-950-958-1021.  
581-720-730-950-1011-1021-1030.  
581-720-730-950-1011-1021-1030-1291.  
581-720-730-950-1011-1021-1030-1312.  
581-720-730-950-1011-1021-1030-1389.  
581-591-791-924.  
2-Naphthol, 1-(1-mercapto-2-naphthoxy)-;  $HSC_{10}H_7$ -  
 $OC_{10}H_7OH$ .  
90% T mosquito larvae. 487.  
581-591-841-851-951-961-1011.  
Ethanol, 2-(4-(*p*-bromophenyl)-2-chlorocyclohex-  
oxy)-;  $BrC_6H_4C_6H_4(Cl)OC_6H_4OH$ . ( $\beta$ -Hydroxy-  
ethyl ether of 4-(4-bromophenyl)-2-chloro-cyclo-  
hexanol).  
T as fly spray. 112, 226P.  
581-591-841-851-951-961-1011.  
Ethanol, 2-(2-bromo-6-chloro-4-cyclohexylphenoxy)-;  
 $C_6H_{11}C_6H_3(Cl)(Br)OC_6H_4OH$ . ( $\beta$ -Hydroxy-ethyl  
ether of 2-bromo-4-cyclohexyl-6-chlorophenol).  
T as fly spray. 112, 226P.  
581-591-841-851-951-961-1011.  
Ethanol, 2-(4-bromo-2-chloro-5-cyclohexylphenoxy)-;  
 $C_6H_{11}C_6H_3(Br)(Cl)OC_6H_4OH$ . ( $\beta$ -Hydroxy-ethyl  
ether of 3-cyclohexyl-4-bromo-6-chlorophenol).  
T as fly spray. 112, 226P.  
581-591-841-851-951-961-1011.  
Ethanol, 2-(4-bromo-2-(3-chlorocyclohexyl)phenoxy)-;  
 $ClC_6H_4C_6H_3(Br)OC_6H_4OH$ . ( $\beta$ -Hydroxy-ethyl  
ether of 2-(3-chloro-cyclohexyl)-4-bromophenol).  
Fly spray. 112, 226P.  
581-591-841-851-951-993-1003.  
1-Propanol, (2-bromo-6-chloro-4-*tert*-octylphen-  
oxy)-;  $C_8H_{17}C_6H_3(Br)(Cl)OC_3H_7OH$ . (Hydroxy-  
propyl ether of 2-chloro-4-*tert*-octyl-6-bromophenol).  
Fly spray. 112, 231P.  
581-591-841-851-951-999-1011.  
Ethanol, 2-(4-*tert*-amyl-2-bromo-6-chlorophenoxy)-;  
 $C_5H_{11}C_6H_3(Br)(Cl)OC_2H_4OH$ . ( $\beta$ -Hydroxy-ethyl  
ether of 2-bromo-6-chloro-4-*tert*-amyl phenol).  
Fly spray. 112, 226P.

- 581-591-841-951-951-1001-1011.  
Ethanol, 2-(2-bromo-4-*tert*-butyl-6-chlorophenoxy)-;  $C_6H_3(C_6H_4(Br)(Cl)OC_2H_4OH)$ . ( $\beta$ -Hydroxy-ethyl ether of 2-chloro-4-*tert*-butyl-6-bromo-phenol).  
Fly spray. 112, 230P, 231P.
- 581-591-841-951-952-1003.  
1-Propanol, (2-bromo-6-chloro-4-phenylphenoxy)-;  $C_6H_3(C_6H_4(Br)(Cl)OC_3H_7OH)$ . (Hydroxy-propyl ether of 4-hydroxy-3-bromo-5-chlorodiphenyl).  
Fly spray. 112, 229P.
- 581-591-841-951-952-1011.  
Ethanol, 2-(4-bromo-2-chloro-6-phenylphenoxy)-;  $C_6H_3(C_6H_4(Br)(Cl)OC_2H_4OH)$ . ( $\beta$ -Hydroxy-ethyl ether of 2-hydroxy-3-chloro-5-bromodiphenyl).  
Fly spray. 112, 229P.
- 581-591-841-951-952-1011.  
Ethanol, 2-(2-bromo-6-chloro-4-phenylphenoxy)-;  $C_6H_3(C_6H_4(Br)(Cl)OC_2H_4OH)$ . ( $\beta$ -Hydroxy-ethyl ether of 4-hydroxy-3-bromo-5-chloro-diphenyl).  
Fly spray. 112, 229P.
- 581-591-841-951-961-1003.  
1-Propanol, (2-bromo-4-cyclohexylphenoxy)-;  $C_6H_{11}-C_6H_4(Br)OC_3H_7OH$ . (Hydroxy-propyl ether of 2-bromo-4-cyclohexyl phenol).  
Fly spray. 112, 226P.
- 581-591-841-951-961-1003.  
1-Propanol, (2-bromo-6-cyclohexylphenoxy)-;  $C_6H_{11}-C_6H_4(Br)OC_3H_7OH$ . (Hydroxy-propyl ether of 2-cyclohexyl-6-bromophenol).  
Fly spray. 112, 226P.
- 581-591-841-951-961-1003.  
1-Propanol, (4-bromo-2-cyclohexylphenoxy)-;  $C_6H_{11}-C_6H_4(Br)OC_3H_7OH$ . (Hydroxy-propyl ether of 2-cyclohexyl-4-bromophenol).  
Fly spray. 112, 226P.
- 581-591-841-951-951-961-1011.  
Ethanol, 2-[4-bromo-3-(2-chlorocyclohexyl)phenoxy]-;  $ClC_6H_4(C_6H_4(Br)OC_2H_4OH)$ . ( $\beta$ -Hydroxy-ethyl ether of 3-(2-chloro-cyclohexyl-4-bromophenol).  
Fly spray. 112, 226P.
- 581-591-841-951-961-1011.  
Ethanol, 2-[2-(*m*-bromocyclohexyl)phenoxy]-;  $BrC_6H_4-C_6H_4OC_2H_4OH$ . ( $\beta$ -Hydroxy-ethyl ether of 2-(3-bromo-cyclohexyl) phenol).  
Fly spray. 112, 226P.
- 581-591-841-951-961-1011.  
Ethanol, 2-[2-(*o*-bromocyclohexyl)phenoxy]-;  $BrC_6H_4-C_6H_4OC_2H_4OH$ . ( $\beta$ -Hydroxy-ethyl ether of 2-(2-bromo-cyclohexyl) phenol).  
Fly spray. 112, 226P.
- 581-591-841-951-961-1011.  
Ethanol, 2-[2-(*p*-bromocyclohexyl)phenoxy]-;  $BrC_6H_4-C_6H_4OC_2H_4OH$ . ( $\beta$ -Hydroxy-ethyl ether of 2-(4-bromo-cyclohexyl) phenol).  
Fly spray. 112, 226P.
- 581-591-841-951-961-1011.  
Ethanol, 2-[4-(*p*-bromocyclohexyl)-phenoxy]-;  $BrC_6H_4-C_6H_4OC_2H_4OH$ . ( $\beta$ -Hydroxy-ethyl ether of 4-(4-bromo-cyclohexyl) phenol).  
Fly spray. 112, 226P.
- 581-591-841-951-961-1011.  
Ethanol, 2-(2-bromo-4-cyclohexylphenoxy)-;  $C_6H_{11}-C_6H_4(Br)OC_2H_4OH$ . ( $\beta$ -Hydroxy-ethyl ether of 2-bromo-4-cyclohexyl phenol).  
Fly spray. 112, 226P.
- 581-591-841-951-961-1011.  
Ethanol, 2-(2-bromo-5-cyclohexylphenoxy)-;  $C_6H_{11}-C_6H_4(Br)OC_2H_4OH$ . ( $\beta$ -Hydroxy-ethyl ether of 3-cyclohexyl-6-bromophenol).  
Fly spray. 112, 226P.
- 581-591-841-951-961-1011.  
Ethanol, 2-(2-bromo-6-cyclohexylphenoxy)-;  $C_6H_{11}-C_6H_4(Br)OC_2H_4OH$ . ( $\beta$ -Hydroxy-ethyl ether of 2-cyclohexyl-6-bromophenol).  
Fly spray. 112, 226P.
- 581-591-841-951-961-1011.  
Ethanol, 2-(3-bromo-2-cyclohexylphenoxy)-;  $C_6H_{11}-C_6H_4(Br)OC_2H_4OH$ . ( $\beta$ -Hydroxy-ethyl ether of 2-cyclohexyl-3-bromo phenol).  
Fly spray. 112, 226P.
- 581-591-841-951-961-1011.  
Ethanol, 2-(4-bromo-3-cyclohexylphenoxy)-;  $C_6H_{11}-C_6H_4(Br)OC_2H_4OH$ . ( $\beta$ -Hydroxy-ethyl ether of 3-cyclohexyl-4-bromo phenol).  
Fly spray. 112, 226P.
- 581-591-841-951-961-1011.  
Ethanol, 2-(4-bromo-2-cyclohexylphenoxy)-;  $C_6H_{11}-C_6H_4(Br)OC_2H_4OH$ . ( $\beta$ -Hydroxy-ethyl ether of 2-cyclohexyl-4-bromo phenol).  
Fly spray. 112, 226P.
- 581-591-841-951-961-1011.  
Ethanol, 2-(5-bromo-2-cyclohexylphenoxy)-;  $C_6H_{11}-C_6H_4(Br)OC_2H_4OH$ . ( $\beta$ -Hydroxy-ethyl ether of 2-cyclohexyl-5-bromo phenol).  
Fly spray. 112, 226P.
- 581-591-841-951-961-1011-1021.  
Ethanol, 2-[4-(*p*-bromophenyl) 2-methylcyclohexoxy]-;  $BrC_6H_4-C_6H_4(CH_3)OC_2H_4OH$ . ( $\beta$ -Hydroxy-ethyl ether of 4(4-bromophenyl)2-methyl cyclohexanol).  
Fly spray. 112, 226P.
- 581-591-841-951-993-1003.  
1-Propanol, (2-bromo-4-*tert*-octylphenoxy)-;  $C_8H_{17}-C_6H_4(Br)OC_3H_7OH$ . (Hydroxy-propyl ether of 2-bromo-4-tertiary-octyl phenol).  
Fly spray. 112, 231P.
- 581-591-841-951-993-1011.  
Ethanol, 2-(2-bromo-4-*tert*-octylphenoxy)-;  $C_8H_{17}-C_6H_4(Br)OC_2H_4OH$ . ( $\beta$ -Hydroxy-ethyl ether of 2-bromo-4-tertiary-octyl phenol).  
Fly spray. 112, 230P.
- 581-591-841-951-993-1011-1021.  
Ethanol, 2-(2-bromo-6-methyl-4-*tert*-octylphenoxy)-;  $C_8H_{17}-C_6H_4(Br)(CH_3)OC_2H_4OH$ . ( $\beta$ -Hydroxy-ethyl ether of 2-methyl-4-tertiary-octyl-6-bromo phenol).  
Fly spray. 112, 231P.
- 581-591-841-951-995-1011.  
Ethanol, 2-(2-bromo-4-*tert*-heptylphenoxy)-;  $C_7H_{15}-C_6H_4(Br)OC_2H_4OH$ . ( $\beta$ -Hydroxy-ethyl ether of 2-bromo-4-tertiary-heptyl phenol).  
Fly spray. 112, 230P.
- 581-591-841-951-997-1011.  
Ethanol, 2-(2-bromo-4-*tert*-hexylphenoxy)-;  $C_6H_{13}-C_6H_4(Br)OC_2H_4OH$ . ( $\beta$ -Hydroxy-ethyl ether of 2-bromo-4-tertiary-hexyl phenol).  
Fly spray. 112, 230P, 231P.
- 581-591-841-951-999-1003.  
1-Propanol, 4-*tert*-amyl-2-bromophenoxy-;  $C_6H_{11}-C_6H_4(Br)OC_3H_7OH$ . (Hydroxy-propyl ether of 2-bromo-4-tertiary-amyl phenol).  
Fly spray. 112, 231P.
- 581-591-841-951-999-1011.  
Ethanol, 2-(2-*tert*-amyl-4-bromophenoxy)-;  $C_6H_{11}-C_6H_4(Br)OC_2H_4OH$ . ( $\beta$ -Hydroxy-ethyl ether of 2-tertiary-amyl-4-bromo phenol).  
Fly spray. 112, 230P.
- 581-591-841-951-999-1011.  
Ethanol, 2-(4-*tert*-amyl-2-bromophenoxy)-;  $C_6H_{11}-C_6H_4(Br)OC_2H_4OH$ . ( $\beta$ -Hydroxy-ethyl ether of 2-bromo-4-tertiary-amyl phenol).  
Fly spray. 112, 230P, 231P.
- 581-591-841-951-999-1011.  
Ethanol, 2-(5-*tert*-amyl-2-bromophenoxy)-;  $C_6H_{11}-C_6H_4(Br)OC_2H_4OH$ . ( $\beta$ -Hydroxy-ethyl ether of 3-tertiary-amyl-6-bromo phenol).  
Fly spray. 112, 230P.
- 581-591-841-951-999-1011-1021.  
Ethanol, 2-(4-*tert*-amyl-2-bromo-6-methylphenoxy)-;  $C_6H_{11}-C_6H_4(Br)(CH_3)OC_2H_4OH$ . ( $\beta$ -Hydroxy-ethyl ether of 2-methyl-4-tertiary-amyl-6-bromo-phenol).  
Fly spray. 112, 231P.
- 581-591-841-951-999-1011-1021.  
Ethanol, 2-(5-*tert*-amyl-4-bromo-2-methylphenoxy)-;  $C_6H_{11}-C_6H_4(Br)(CH_3)OC_2H_4OH$ . ( $\beta$ -Hydroxy-ethyl ether of 2-methyl-5-tertiary-amyl-4-bromo-phenol).  
Fly spray. 112, 230P.
- 581-591-841-951-1000.  
1-Pentanol, (4-*tert*-amyl-2-bromophenoxy)-;  $C_6H_{11}-C_6H_4(Br)OC_5H_{11}OH$ . (Hydroxy-pentyl ether of 2-bromo-4-tertiary-amyl phenol).  
Fly spray. 112, 230P.
- 581-591-841-951-1000-1003.  
1-Propanol, (2, 4-di-*tert*-amyl-6-bromophenoxy)-;  $(C_6H_{11})_2C_6H_2(Br)OC_3H_7OH$ . (Hydroxy-propyl ether of 2, 4-di-tertiary-amyl-6-bromo phenol).  
Fly spray. 112, 231P.
- 581-591-841-951-1000-1011.  
Ethanol, 2-(2, 4-di-*tert*-amyl-6-bromophenoxy)-;

- (C<sub>6</sub>H<sub>11</sub>)<sub>2</sub>C<sub>6</sub>H<sub>2</sub>(Br)OC<sub>2</sub>H<sub>4</sub>OH. ( $\beta$ -Hydroxy-ethyl ether of 2, 4-di-tertiary-amyl-6-bromo phenol).  
Fly spray. 112, 230P.
- 581-591-841-951-1001-1011.  
Ethanol, 2-(2-bromo-4-*tert*-butylphenoxy)-; C<sub>6</sub>H<sub>5</sub>-C<sub>6</sub>H<sub>3</sub>(Br)OC<sub>2</sub>H<sub>4</sub>OH. ( $\beta$ -Hydroxy-ethyl ether of 2-bromo-4-tertiary-butyl phenol).  
Fly spray. 112, 230P, 231P.
- 581-591-841-951-1001-1011.  
Ethanol, 2-(4-bromo-2-*tert*-butylphenoxy)-; C<sub>6</sub>H<sub>5</sub>-C<sub>6</sub>H<sub>3</sub>(Br)OC<sub>2</sub>H<sub>4</sub>OH. ( $\beta$ -Hydroxy-ethyl ether of 2-tertiary-butyl-4-bromo phenol).  
Fly spray. 112, 230P.
- 581-591-841-951-1001-1011-1021.  
Ethanol, 2-(2-bromo-4-*tert*-butyl-6-methylphenoxy)-; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>2</sub>(Br)(CH<sub>3</sub>)OC<sub>2</sub>H<sub>4</sub>OH. ( $\beta$ -Hydroxy-ethyl ether of 2-methyl-4-tertiary-butyl-6-bromo phenol).  
Fly spray. 112, 231P.
- 581-591-841-952-997-1011.  
Ethanol, 2-[4-isohexyl-2-(*o*-bromophenyl)phenoxy]-; BrC<sub>6</sub>H<sub>4</sub>C<sub>6</sub>H<sub>3</sub>(C<sub>6</sub>H<sub>13</sub>)OC<sub>2</sub>H<sub>4</sub>OH. ( $\beta$ -Hydroxy-ethyl ether of 2-hydroxy-2'-bromo-5-isohexyl diphenyl).  
Fly spray. 112, 228P.
- 581-591-841-952-999-1011.  
Ethanol, 2-(2-*n*-amyl-4-bromo-6-phenylphenoxy)-; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>2</sub>(Br)(C<sub>6</sub>H<sub>11</sub>)OC<sub>2</sub>H<sub>4</sub>OH. ( $\beta$ -Hydroxy-ethyl ether of 2-hydroxy-3-*n*-amyl-5-bromodiphenol).  
Fly spray. 112, 228P.
- 581-591-841-952-1001-1003.  
1-Propanol, (2-bromo-6-isobutyl-4-phenylphenoxy)-; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>2</sub>(Br)(C<sub>6</sub>H<sub>5</sub>)OC<sub>2</sub>H<sub>4</sub>OH. (Hydroxy-propyl ether of 4-hydroxy-3-iso-butyl-5-bromo diphenyl).  
Fly spray. 112, 229P.
- 581-591-841-952-1001-1003.  
1-Propanol, (4-bromo-2-*tert*-butyl-6-phenylphenoxy)-; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>2</sub>(Br)(C<sub>6</sub>H<sub>5</sub>)OC<sub>2</sub>H<sub>4</sub>OH. (Hydroxy-propyl ether of 2-hydroxy-3-tertiary-butyl-5-bromo diphenyl).  
Fly spray. 112, 229P.
- 581-591-841-952-1001-1011-1021.  
Ethanol, 2-(4-bromo-2-benzyl-6-*tert*-butylphenoxy)-; C<sub>6</sub>H<sub>5</sub>CH<sub>2</sub>C<sub>6</sub>H<sub>2</sub>(Br)(C<sub>6</sub>H<sub>5</sub>)OC<sub>2</sub>H<sub>4</sub>OH. ( $\beta$ -Hydroxy-ethyl ether of 2-tertiary-butyl-4-bromo-6-benzyl phenol).  
Fly spray. 112, 230P.
- 581-591-841-952-1002-1011.  
Ethanol, 2-[4-(*p*-bromophenyl)-2, 6-di-*tert*-butylphenoxy]-; BrC<sub>6</sub>H<sub>4</sub>C<sub>6</sub>H<sub>2</sub>(C<sub>6</sub>H<sub>5</sub>)<sub>2</sub>OC<sub>2</sub>H<sub>4</sub>OH. ( $\beta$ -Hydroxy-ethyl ether of 4-hydroxy-3, 5-di-tertiary-butyl-4'-bromo diphenyl).  
Fly spray. 112, 228P.
- 581-591-841-952-1003.  
1-Propanol, (2-bromo-4-phenylphenoxy)-; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>3</sub>(Br)OC<sub>2</sub>H<sub>4</sub>OH. (Hydroxy-propyl ether of 3-bromo-4-hydroxy-diphenyl).  
Fly spray. 112, 228P, 229P.
- 581-591-841-952-1003.  
1-Propanol, (2-bromo-6-phenylphenoxy)-; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>3</sub>(Br)OC<sub>2</sub>H<sub>4</sub>OH. (Hydroxy-propyl ether of 2-hydroxy-3-bromo-diphenyl).  
Fly spray. 112, 228P.
- 581-591-841-952-1003-1011.  
1-Propanol, (4-bromo-2-phenylphenoxy)-; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>3</sub>(Br)OC<sub>2</sub>H<sub>4</sub>OH. (Hydroxy-propyl ether of 2-hydroxy-5-bromo diphenyl).  
Fly spray. 112, 228P.
- 581-591-841-952-1003-1011.  
Ethanol, 2-(4-bromo-2-phenyl-6-*n*-propylphenoxy)-; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>2</sub>(Br)(C<sub>6</sub>H<sub>5</sub>)OC<sub>2</sub>H<sub>4</sub>OH. ( $\beta$ -Hydroxy-ethyl ether of 2-hydroxy-3-*n*-propyl-5-bromo diphenyl).  
Fly spray. 112, 229P.
- 581-591-841-952-1011.  
Ethanol, 2-(2-bromo-4-phenylphenoxy)-; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>3</sub>(Br)OC<sub>2</sub>H<sub>4</sub>OH. ( $\beta$ -Hydroxy-ethyl ether of 3-bromo-4-hydroxy diphenyl).  
Fly spray. 112, 228P, 229P.
- 581-591-841-952-1011.  
Ethanol, 2-(2-bromo-5-phenylphenoxy)-; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>3</sub>(Br)OC<sub>2</sub>H<sub>4</sub>OH. ( $\beta$ -Hydroxy-ethyl ether of 3-hydroxy-4-bromo diphenyl).  
Fly spray. 112, 228P.
- 581-591-841-952-1011.  
Ethanol, 2-(2-bromo-6-phenylphenoxy)-; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>3</sub>(Br)OC<sub>2</sub>H<sub>4</sub>OH. ( $\beta$ -Hydroxy-ethyl ether of 2-hydroxy-3-bromo diphenyl).  
Fly spray. 112, 231P.
- 581-591-841-952-1011.  
Ethanol, 2-(3-bromo-4-phenylphenoxy)-; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>3</sub>(Br)OC<sub>2</sub>H<sub>4</sub>OH. ( $\beta$ -Hydroxy-ethyl ether of 4-hydroxy-6-bromo diphenyl).  
Fly spray. 112, 228P.
- 581-591-841-952-1011.  
Ethanol, 2-(4-bromo-2-phenylphenoxy)-; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>3</sub>(Br)OC<sub>2</sub>H<sub>4</sub>OH. ( $\beta$ -Hydroxy-ethyl ether of 2-hydroxy-5-bromo-diphenyl).  
Fly spray. 112, 228P, 229P.
- 581-591-841-952-1011.  
Ethanol, 2-[2-(*m*-bromophenyl)phenoxy]-; BrC<sub>6</sub>H<sub>4</sub>C<sub>6</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>OH. ( $\beta$ -Hydroxy-ethyl ether of 2-hydroxy-3'-bromo diphenyl).  
Fly spray. 112, 228P.
- 581-591-841-952-1011.  
Ethanol, 2-(4-bromo-3-phenylphenoxy)-; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>3</sub>(Br)OC<sub>2</sub>H<sub>4</sub>OH. ( $\beta$ -Hydroxy-ethyl ether of 3-hydroxy-6-bromo diphenyl).  
Fly spray. 228P, 229P.
- 581-591-841-952-1011.  
Ethanol, 2-[2-(*o*-bromophenyl)phenoxy]-; BrC<sub>6</sub>H<sub>4</sub>C<sub>6</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>OH. ( $\beta$ -Hydroxy-ethyl ether of 2-hydroxy-2'-bromo diphenyl).  
Fly spray. 112, 228P.
- 581-591-841-952-1011.  
Ethanol, 2-[2-(*p*-bromophenyl)phenoxy]-; BrC<sub>6</sub>H<sub>4</sub>C<sub>6</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>OH. ( $\beta$ -Hydroxy-ethyl ether of 2-hydroxy-4'-bromo diphenyl).  
Fly spray. 112, 228P.
- 581-591-841-952-1011.  
Ethanol, 2-[3-(*m*-bromophenyl)phenoxy]-; BrC<sub>6</sub>H<sub>4</sub>C<sub>6</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>OH. ( $\beta$ -Hydroxy-ethyl ether of 3-hydroxy-3'-bromo diphenyl).  
Fly spray. 112, 228P.
- 581-591-841-952-1011.  
Ethanol, 2-(4-(*o*-bromophenyl)phenoxy)-; BrC<sub>6</sub>H<sub>4</sub>C<sub>6</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>OH. ( $\beta$ -Hydroxy-ethyl ether of 4-hydroxy-2'-bromo diphenyl).  
Fly spray. 112, 228P.
- 581-591-841-952-1011.  
Ethanol, 2-(3-(*p*-bromophenyl)phenoxy)-; BrC<sub>6</sub>H<sub>4</sub>C<sub>6</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>OH. ( $\beta$ -Hydroxy-ethyl ether of 3-hydroxy-4'-bromo diphenyl).  
Fly spray. 112, 228P.
- 581-591-841-952-1011.  
Ethanol, 2-[4-(*p*-bromophenyl)phenoxy]-; BrC<sub>6</sub>H<sub>4</sub>C<sub>6</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>OH. ( $\beta$ -Hydroxy-ethyl ether of 4-hydroxy-4'-bromo diphenyl).  
Fly spray. 112, 228P.
- 581-591-841-952-1012-1021.  
Ethanol, 2-[4-benzyl-2-bromo-6-(*p*-ethylphenyl)phenoxy]-; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>2</sub>(C<sub>6</sub>H<sub>5</sub>)(Br)(CH<sub>3</sub>)OC<sub>2</sub>H<sub>4</sub>OH. ( $\beta$ -Hydroxy-ethyl ether of 2-hydroxy-3-bromo-4'-ethyl-5-benzyl diphenyl).  
Fly spray. 112, 228P.
- 581-591-842-951-961-1001.  
1-Butanol, (4-cyclohexyl-2, 6-dibromophenoxy)-; C<sub>6</sub>H<sub>11</sub>C<sub>6</sub>H<sub>2</sub>(Br)<sub>2</sub>OC<sub>2</sub>H<sub>4</sub>OH. (Hydroxy-butyl ether of 2, 6-dibromo-4-cyclohexyl phenol).  
Fly spray. 112, 226P.
- 581-591-842-951-961-1003.  
1-Propanol, (2-cyclohexyl-4, 6-dibromophenoxy)-; C<sub>6</sub>H<sub>11</sub>C<sub>6</sub>H<sub>2</sub>(Br)<sub>2</sub>OC<sub>2</sub>H<sub>4</sub>OH. (Hydroxy-propyl ether of 2-cyclohexyl-4, 6-dibromo phenol).  
Fly spray. 112, 226P.
- 581-591-842-951-961-1003.  
1-Propanol, (3-cyclohexyl-4, 6-dibromophenoxy)-; C<sub>6</sub>H<sub>11</sub>C<sub>6</sub>H<sub>2</sub>(Br)<sub>2</sub>OC<sub>2</sub>H<sub>4</sub>OH. (Hydroxy-propyl ether of 3-cyclohexyl-4, 6-dibromo phenol).  
Fly spray. 112, 226P.
- 581-591-842-951-961-1003.  
1-Propanol, (4-cyclohexyl-2, 6-dibromophenoxy)-; C<sub>6</sub>H<sub>11</sub>C<sub>6</sub>H<sub>2</sub>(Br)<sub>2</sub>OC<sub>2</sub>H<sub>4</sub>OH. (Hydroxy-propyl ether of 2, 6-dibromo-4-cyclohexyl phenol).  
Fly spray. 112, 226P.
- 581-591-842-951-961-1011.  
Ethanol, 2-(2-cyclohexyl-4, 6-dibromophenoxy)-; C<sub>6</sub>H<sub>11</sub>C<sub>6</sub>H<sub>2</sub>(Br)<sub>2</sub>OC<sub>2</sub>H<sub>4</sub>OH. ( $\beta$ -Hydroxy-ethyl ether of 2-cyclohexyl-4, 6-dibromo phenol).  
Fly spray. 112, 226P.

- 581-591-842-951-961-1011.  
Ethanol, 2-(4-cyclohexyl-2, 6-dibromophenoxy)-;  
 $\text{C}_6\text{H}_{11}\text{C}_6\text{H}_2\text{OC}_6\text{H}_3\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2, 6-dibromo-4-cyclohexyl phenol).  
Fly spray, 112, 226P.
- 581-591-842-951-993-1011.  
Ethanol, 2-(2, 6-dibromo-4-*tert*-octylphenoxy)-;  
 $\text{C}_6\text{H}_5\text{C}_6\text{H}_2(\text{Br})_2\text{OC}_8\text{H}_{15}\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2, 6-dibromo-4-*tert*-octyl phenol).  
Fly spray, 112, 230P, 231P.
- 581-591-842-951-999-1011.  
Ethanol, 2-(4-*tert*-amyl-2, 6-dibromophenoxy)-;  
 $\text{C}_6\text{H}_{11}\text{C}_6\text{H}_2(\text{Br})_2\text{OC}_5\text{H}_{11}\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2, 6-dibromo-4-*tert*-amyl phenol).  
Fly spray, 112, 231P.
- 581-591-842-951-1001-1003.  
1-Propanol, (4-*tert*-butyl-2, 6-dibromophenoxy)-;  
 $\text{C}_4\text{H}_9\text{C}_6\text{H}_2(\text{Br})_2\text{OC}_3\text{H}_7\text{OH}$ . (Hydroxy-propyl ether of 2, 6-dibromo-4-*tert*-butyl phenol).  
Fly spray, 112, 230P.
- 581-591-842-951-1001-1011.  
Ethanol, 2-(2-*tert*-butyl-4, 6-dibromophenoxy)-;  
 $\text{C}_6\text{H}_5\text{C}_6\text{H}_2(\text{Br})_2\text{OC}_4\text{H}_9\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-*tert*-butyl-4, 6-dibromo phenol).  
Fly spray, 112, 230P.
- 581-591-842-951-1001-1011.  
Ethanol, 2-(4-*tert*-butyl-2, 6-dibromophenoxy)-;  
 $\text{C}_6\text{H}_5\text{C}_6\text{H}_2(\text{Br})_2\text{OC}_4\text{H}_9\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2, 6-dibromo-4-*tert*-butyl phenol).  
Fly spray, 112, 230P, 231P.
- 581-591-842-952-1001.  
1-Butanol, (2-bromo-5-(*p*-bromophenyl)phenoxy)-;  
 $\text{BrC}_6\text{H}_4\text{C}_6\text{H}_3(\text{Br})\text{OC}_4\text{H}_9\text{OH}$ . (Hydroxy-butyl ether of 3-hydroxy-4, 4'-dibromo diphenyl).  
Fly spray, 112, 228P.
- 581-591-842-952-1003.  
1-Propanol, (2, 4-dibromo-6-phenylphenoxy)-;  $\text{C}_6\text{H}_5\text{C}_6\text{H}_2(\text{Br})_2\text{OC}_3\text{H}_7\text{OH}$ . (Hydroxy-propyl ether of 2-hydroxy-3, 5-dibromo diphenyl).  
Fly spray, 112, 229P.
- 581-591-842-952-1003.  
1-Propanol, (2-bromo-4-(*p*-bromophenyl)phenoxy)-;  
 $\text{BrC}_6\text{H}_4\text{C}_6\text{H}_3(\text{Br})\text{OC}_3\text{H}_7\text{OH}$ . (Hydroxy-propyl ether of 4-hydroxy-3, 4'-dibromo diphenyl).  
Fly spray, 112, 228P.
- 581-591-842-952-1011.  
Ethanol, 2-[*m*-(2, 4-dibromophenyl)phenoxy]-;  $\text{BrC}_6\text{H}_4\text{C}_6\text{H}_2(\text{Br})_2\text{OC}_2\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 3-hydroxy-2', 4'-dibromo diphenyl).  
Fly spray, 112, 228P.
- 581-591-842-952-1011.  
Ethanol, 2-[*o*-(2, 4-dibromophenyl)phenoxy]-;  $\text{BrC}_6\text{H}_4\text{C}_6\text{H}_2(\text{Br})_2\text{OC}_2\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-hydroxy-2', 4'-dibromo diphenyl).  
Fly spray, 112, 228P.
- 581-591-842-952-1011.  
Ethanol, 2-[*p*-(2, 4-dibromophenyl)phenoxy]-;  $\text{BrC}_6\text{H}_4\text{C}_6\text{H}_2(\text{Br})_2\text{OC}_2\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 4-hydroxy-2', 4'-dibromo diphenyl).  
Fly spray, 112, 228P.
- 581-591-842-952-1011.  
Ethanol, 2-(2, 4-dibromo-5-phenylphenoxy)-;  $\text{C}_6\text{H}_5\text{C}_6\text{H}_2(\text{Br})_2\text{OC}_2\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 3-hydroxy-4, 6-dibromo diphenyl).  
Fly spray, 112, 228P.
- 581-591-842-952-1011.  
Ethanol, 2-(2, 4-dibromo-6-phenylphenoxy)-;  $\text{C}_6\text{H}_5\text{C}_6\text{H}_2(\text{Br})_2\text{OC}_2\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-hydroxy-3, 5-dibromo diphenyl).  
Fly spray, 112, 228P, 229P.
- 581-591-842-952-1011.  
Ethanol, 2-(2, 6-dibromo-4-phenylphenoxy)-;  $\text{C}_6\text{H}_5\text{C}_6\text{H}_2(\text{Br})_2\text{OC}_2\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 4-hydroxy-3, 5-dibromo diphenyl).  
Fly spray, 112, 228P, 229P.
- 581-591-842-952-1011.  
Ethanol, 2-(2-bromo-4-(*p*-bromophenyl)phenoxy)-;  $\text{BrC}_6\text{H}_4\text{C}_6\text{H}_3(\text{Br})\text{OC}_2\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 4-hydroxy-4', 5-dibromo diphenyl).  
Fly spray, 112, 228P.
- 581-591-842-952-1011.  
Ethanol, 2-[4-bromo-2-(*o*-bromophenyl)phenoxy]-;  $\text{BrC}_6\text{H}_4\text{C}_6\text{H}_2(\text{Br})\text{OC}_2\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-hydroxy-2', 5-dibromo diphenyl).  
Fly spray, 112, 228P.
- 581-591-842-952-1011.  
Ethanol, 2-[4-bromo-3-(*m*-bromophenyl)phenoxy]-;  $\text{BrC}_6\text{H}_4\text{C}_6\text{H}_2(\text{Br})\text{OC}_2\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 3-hydroxy-3', 6-dibromo diphenyl).  
Fly spray, 112, 228P.
- 581-591-843-952-1011.  
Ethanol, 2-[4-bromo-2-(2, 4-dibromophenyl)phenoxy]-;  $\text{Br}_2\text{C}_6\text{H}_3\text{C}_6\text{H}_2(\text{Br})_2\text{OC}_2\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-hydroxy-2', 3, 5-tribromo diphenyl).  
Fly spray, 112, 228P.
- 581-591-843-952-1011.  
Ethanol, 2-[4-bromo-3-(2, 4-dibromophenyl)phenoxy]-;  $\text{Br}_2\text{C}_6\text{H}_3\text{C}_6\text{H}_2(\text{Br})_2\text{OC}_2\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 3-hydroxy-2', 4', 6-tribromo diphenyl).  
Fly spray, 112, 228P.
- 581-591-843-952-1011.  
Ethanol, 2-[5-(*m*-bromophenyl)-2, 4-dibromophenoxy]-;  $\text{BrC}_6\text{H}_4\text{C}_6\text{H}_2(\text{Br})_2\text{OC}_2\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 3-hydroxy-3', 4, 6-tribromo diphenyl).  
Fly spray, 112, 228P.
- 581-591-843-952-1011.  
Ethanol, 2-[2-(*o*-bromophenyl)-4, 6-dibromophenoxy]-;  $\text{BrC}_6\text{H}_4\text{C}_6\text{H}_2(\text{Br})_2\text{OC}_2\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-hydroxy-2', 3, 5-tribromo diphenyl).  
Fly spray, 112, 228P.
- 581-591-843-952-1011.  
Ethanol, 2-[4-(*p*-bromophenyl)-2, 6-dibromophenoxy]-;  $\text{BrC}_6\text{H}_4\text{C}_6\text{H}_2(\text{Br})_2\text{OC}_2\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 4-hydroxy-3, 4', 5-tribromo diphenyl).  
Fly spray, 112, 228P.
- 581-591-843-952-1011.  
Ethanol, 2-(3-phenyl-2, 4, 6-tribromophenoxy)-;  $\text{C}_6\text{H}_5\text{C}_6\text{H}_2(\text{Br})_3\text{OC}_2\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 3-hydroxy-2, 4, 6-tribromo diphenyl).  
Fly spray, 112, 228P.
- 581-591-843-952-1011.  
Ethanol, 2-[2-(*o*-bromophenyl)phenoxy]-;  $\text{BrC}_6\text{H}_4\text{C}_6\text{H}_3(\text{Br})\text{OC}_2\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-hydroxy-2', 4', 6'-tribromo diphenyl).  
Fly spray, 112, 228P.
- 581-591-844-952-1011.  
Ethanol, 2-[2, 4-dibromo-6-(2, 4-dibromophenyl)phenoxy]-;  $\text{Br}_2\text{C}_6\text{H}_3\text{C}_6\text{H}_2(\text{Br})_2\text{OC}_2\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-hydroxy-2', 3, 4', 5-tetra-bromo diphenyl).  
Fly spray, 112, 228P.
- 581-591-844-952-1011.  
Ethanol, 2-[3-(*o*-bromophenyl)-2, 4, 6-tribromophenoxy]-;  $\text{BrC}_6\text{H}_4\text{C}_6\text{H}_2(\text{Br})_3\text{OC}_2\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 3-hydroxy-2, 2', 4, 6-tetrabromo diphenyl).  
Fly spray, 112, 228P.
- 581-591-845-952-1011.  
Ethanol, 2-[2, 6-dibromo-4-(2, 4, 6-tribromophenyl)phenoxy]-;  $\text{Br}_3\text{C}_6\text{H}_2\text{C}_6\text{H}_2(\text{Br})_2\text{OC}_2\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 4-hydroxy-2', 3, 4', 5, 6'-penta-bromodiphenyl).  
Fly spray, 112, 228P.
- 581-591-851-951-961-999.  
1-Pentanol, (2-chloro-4-cyclohexylphenoxy)-;  $\text{C}_6\text{H}_{11}\text{C}_6\text{H}_2(\text{Cl})\text{OC}_5\text{H}_{11}\text{OH}$ . (Hydroxy-pentyl ether of 2-chloro-4-cyclohexyl phenol).  
Fly spray, 112, 226P.
- 581-591-851-951-961-999.  
1-Pentanol, (4-chloro-2-cyclohexylphenoxy)-;  $\text{C}_6\text{H}_{11}\text{C}_6\text{H}_3(\text{Cl})\text{OC}_5\text{H}_{11}\text{OH}$ . (Hydroxy-pentyl ether of 2-cyclohexyl-4-chloro phenol).  
Fly spray, 112, 226P.
- 581-591-851-951-961-1001.  
1-Butanol, (4-chloro-2-cyclohexylphenoxy)-;  $\text{C}_6\text{H}_{11}\text{C}_6\text{H}_3(\text{Cl})\text{OC}_4\text{H}_9\text{OH}$ . (Hydroxy-butyl ether of 2-cyclohexyl-4-chloro phenol).  
Fly spray, 112, 226P.
- 581-591-851-951-961-1003.  
1-Propanol, (2-chloro-4-cyclohexylphenoxy)-;  $\text{C}_6\text{H}_{11}\text{C}_6\text{H}_3(\text{Cl})\text{OC}_3\text{H}_7\text{OH}$ . (Hydroxy-propyl ether of 2-chloro-4-cyclohexyl phenol).  
Fly spray, 112, 226P.
- 581-591-851-951-961-1003.  
1-Propanol, (2-chloro-6-cyclohexylphenoxy)-;  $\text{C}_6\text{H}_{11}\text{C}_6\text{H}_3(\text{Cl})\text{OC}_3\text{H}_7\text{OH}$ . (Hydroxy-propyl ether of 2-chloro-6-cyclohexyl phenol).  
Fly spray, 112, 226P.

- C<sub>6</sub>H<sub>5</sub>(C)(Cl)OC<sub>2</sub>H<sub>4</sub>OH.** (Hydroxy-propyl ether of 2-cyclohexyl-6-chloro phenol).  
Fly spray, 112, 226P.  
**581-591-851-951-961-1003.**  
1-Propanol, (4-chloro-2-cyclohexylphenoxy)-; C<sub>6</sub>H<sub>11</sub>-C<sub>6</sub>H<sub>4</sub>(Cl)OC<sub>2</sub>H<sub>4</sub>OH. (Hydroxy-propyl ether of 2-cyclohexyl-4-chloro phenol).  
Fly spray, 112, 226P.  
**581-591-851-951-961-1003.**  
1-Propanol, (4-chloro-3-cyclohexylphenoxy)-; C<sub>6</sub>H<sub>11</sub>-C<sub>6</sub>H<sub>4</sub>(Cl)OC<sub>2</sub>H<sub>4</sub>OH. (Hydroxy-propyl ether of 3-cyclohexyl-4-chloro phenol).  
Fly spray, 112, 226P.  
**581-591-851-951-961-1003-1011.**  
Ethanol, 2-(4-*tert*-butyl-6-chloro-2-cyclohexylphenoxy)-; C<sub>6</sub>H<sub>11</sub>-C<sub>6</sub>H<sub>3</sub>(CH<sub>3</sub>)C(CH<sub>3</sub>)(Cl)OC<sub>2</sub>H<sub>4</sub>OH. ( $\beta$ -Hydroxy-ethyl ether of 2-cyclohexyl-4-tertiary-butyl-6-chloro phenol).  
Fly spray, 112, 226P.  
**581-591-851-951-961-1011.**  
Ethanol, 2-[2-(*m*-chlorocyclohexyl)phenoxy]-; ClC<sub>6</sub>H<sub>4</sub>-C<sub>6</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>OH. ( $\beta$ -Hydroxy-ethyl ether of 2-(3-chloro-cyclohexyl) phenol).  
Fly spray, 112, 226P.  
**581-591-851-951-961-1011.**  
Ethanol, 2-[2-(*o*-chlorocyclohexyl)phenoxy]-; ClC<sub>6</sub>H<sub>4</sub>-C<sub>6</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>OH. ( $\beta$ -Hydroxy-ethyl ether of 2-(2-chlorocyclohexyl) phenol).  
Fly spray, 112, 226P.  
**581-591-851-951-961-1011.**  
Ethanol, 2-[2-(*p*-chlorocyclohexyl)phenoxy]-; ClC<sub>6</sub>H<sub>4</sub>-C<sub>6</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>OH. ( $\beta$ -Hydroxy-ethyl ether of 2-(4-chlorocyclohexyl) phenol).  
Fly spray, 112, 226P.  
**581-591-851-951-961-1011.**  
Ethanol, 2-[3-(*p*-chlorocyclohexyl)phenoxy]-; ClC<sub>6</sub>H<sub>4</sub>-C<sub>6</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>OH. ( $\beta$ -Hydroxy-ethyl ether of 3-(4-chlorocyclohexyl) phenol).  
Fly spray, 112, 226P.  
**581-591-851-951-961-1011.**  
Ethanol, 2-[4-(*o*-chlorocyclohexyl)phenoxy]-; ClC<sub>6</sub>H<sub>4</sub>-C<sub>6</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>OH. ( $\beta$ -Hydroxy-ethyl ether of 4-(2-chlorocyclohexyl) phenol).  
Fly spray, 112, 226P.  
**581-591-851-951-961-1011.**  
Ethanol, 2-(2-chloro-4-cyclohexylphenoxy)-; C<sub>6</sub>H<sub>11</sub>-C<sub>6</sub>H<sub>3</sub>(Cl)OC<sub>2</sub>H<sub>4</sub>OH. ( $\beta$ -Hydroxy-ethyl ether of 2-chloro-4-cyclohexyl phenol).  
Fly spray, 112, 226P.  
**581-591-851-951-961-1011.**  
Ethanol, 2-(2-chloro-5-cyclohexylphenoxy)-; C<sub>6</sub>H<sub>11</sub>-C<sub>6</sub>H<sub>3</sub>(Cl)OC<sub>2</sub>H<sub>4</sub>OH. ( $\beta$ -Hydroxy-ethyl ether of 2-cyclohexyl-5-chlorophenol).  
Fly spray, 112, 226P.  
**581-591-851-951-961-1011.**  
Ethanol, 2-(3-chloro-2-cyclohexylphenoxy)-; C<sub>6</sub>H<sub>11</sub>-C<sub>6</sub>H<sub>3</sub>(Cl)OC<sub>2</sub>H<sub>4</sub>OH. ( $\beta$ -Hydroxy-ethyl ether of 2-cyclohexyl-3-chloro phenol).  
Fly spray, 112, 226P.  
**581-591-851-951-961-1011.**  
Ethanol, 2-(3-chloro-4-cyclohexylphenoxy)-; C<sub>6</sub>H<sub>11</sub>-C<sub>6</sub>H<sub>3</sub>(Cl)OC<sub>2</sub>H<sub>4</sub>OH. ( $\beta$ -Hydroxy-ethyl ether of 3-chloro-4-cyclohexyl phenol).  
Fly spray, 112, 226P.  
**581-591-851-951-961-1011.**  
Ethanol, 2-(4-chloro-2-cyclohexylphenoxy)-; C<sub>6</sub>H<sub>11</sub>-C<sub>6</sub>H<sub>3</sub>(Cl)OC<sub>2</sub>H<sub>4</sub>OH. ( $\beta$ -Hydroxy-ethyl ether of 2-cyclohexyl-4-chloro phenol).  
Fly spray, 112, 226P.  
**581-591-851-951-961-1011.**  
Ethanol, 2-(4-chloro-3-cyclohexylphenoxy)-; C<sub>6</sub>H<sub>11</sub>-C<sub>6</sub>H<sub>3</sub>(Cl)OC<sub>2</sub>H<sub>4</sub>OH. ( $\beta$ -Hydroxy-ethyl ether of 3-cyclohexyl-4-chloro phenol).  
Fly spray, 112, 226P.  
**581-591-851-951-961-1011.**  
Ethanol, 2-(5-chloro-2-cyclohexylphenoxy)-; C<sub>6</sub>H<sub>11</sub>-C<sub>6</sub>H<sub>3</sub>(Cl)OC<sub>2</sub>H<sub>4</sub>OH. ( $\beta$ -Hydroxy-ethyl ether of 2-cyclohexyl-5-chloro phenol).  
Fly spray, 112, 226P.  
**581-591-851-951-961-1011.**  
Ethanol, 2-(6-chloro-2-cyclohexylphenoxy)-; C<sub>6</sub>H<sub>11</sub>-C<sub>6</sub>H<sub>3</sub>(Cl)OC<sub>2</sub>H<sub>4</sub>OH. ( $\beta$ -Hydroxy-ethyl ether of 2-cyclohexyl-6-chloro phenol).  
Fly spray, 112, 226P.  
**581-591-851-951-961-1011.**  
Ethanol, 2-(2-chloro-6-methyl-4-*tert*-octylphenoxy)-; C<sub>6</sub>H<sub>11</sub>-C<sub>6</sub>H<sub>3</sub>(Cl)OC<sub>2</sub>H<sub>4</sub>OH. (Hydroxy-propyl ether of 2-phenyl-4-chloro-cyclohexanol).  
Fly spray, 112, 226P.  
**581-591-851-951-993-1003.**  
1-Propanol, (2-chloro-4-*tert*-octylphenoxy)-; C<sub>6</sub>H<sub>11</sub>-C<sub>6</sub>H<sub>3</sub>(Cl)OC<sub>2</sub>H<sub>4</sub>OH. (Hydroxy-propyl ether of 2-chloro-4-tertiary-octyl phenol).  
Fly spray, 112, 230P.  
**581-591-851-951-993-1003-1021.**  
1-Propanol, (2-chloro-6-methyl-4-*tert*-octylphenoxy)-; C<sub>6</sub>H<sub>11</sub>-C<sub>6</sub>H<sub>3</sub>(Cl)OC<sub>2</sub>H<sub>4</sub>OH. (Hydroxy-propyl ether of 2-methyl-4-tertiary-octyl-6-chloro phenol).  
Fly spray, 112, 231P.  
**581-591-851-951-993-1011.**  
Ethanol, 2-(2-chloro-4-*tert*-octylphenoxy)-; C<sub>6</sub>H<sub>11</sub>-C<sub>6</sub>H<sub>3</sub>(Cl)OC<sub>2</sub>H<sub>4</sub>OH. ( $\beta$ -Hydroxy-ethyl ether of 2-chloro-4-tertiary-octyl phenol).  
Fly spray, 112, 230P, 231P.  
**581-591-851-951-995-1011.**  
Ethanol, 2-(2-chloro-4-*tert*-heptylphenoxy)-; C<sub>6</sub>H<sub>11</sub>-C<sub>6</sub>H<sub>3</sub>(Cl)OC<sub>2</sub>H<sub>4</sub>OH. ( $\beta$ -Hydroxy-ethyl ether of 2-chloro-4-tertiary-heptyl phenol).  
Fly spray, 112, 231P.  
**581-591-851-951-997-1011.**  
Ethanol, 2-(2-chloro-4-*tert*-hexylphenoxy)-; C<sub>6</sub>H<sub>11</sub>-C<sub>6</sub>H<sub>3</sub>(Cl)OC<sub>2</sub>H<sub>4</sub>OH. ( $\beta$ -Hydroxy-ethyl ether of 2-chloro-4-tertiary-hexyl phenol).  
Fly spray, 112, 230P.  
**581-591-851-951-999-1001.**  
1-Pentanol, (4-*tert*-butyl-2-chlorophenoxy)-; C<sub>6</sub>H<sub>5</sub>-C<sub>6</sub>H<sub>3</sub>(Cl)OC<sub>4</sub>H<sub>9</sub>OH. (Hydroxy-pentyl ether of 2-chloro-4-tertiary-butyl phenol).  
Fly spray, 112, 230P.  
**581-591-851-951-999-1001-1012.**  
Ethanol, 2-(4-*tert*-amyl-2-chloro-6-isopropylphenoxy)-; C<sub>6</sub>H<sub>11</sub>-C<sub>6</sub>H<sub>3</sub>(Cl)OC<sub>2</sub>H<sub>4</sub>OH. ( $\beta$ -Hydroxy-ethyl ether of 2-isopropyl-4-tertiary-amyl-6-chloro phenol).  
Fly spray, 112, 230P.  
**581-591-851-951-999-1003.**  
1-Propanol, (4-*tert*-amyl-2-chlorophenoxy)-; C<sub>6</sub>H<sub>11</sub>-C<sub>6</sub>H<sub>3</sub>(Cl)OC<sub>2</sub>H<sub>4</sub>OH. (Hydroxy-propyl ether of 2-chloro-4-tertiary-amyl phenol).  
Fly spray, 112, 231P.  
**581-591-851-951-999-1011.**  
Ethanol, 2-(2-*tert*-amyl-4-chlorophenoxy)-; C<sub>6</sub>H<sub>11</sub>-C<sub>6</sub>H<sub>3</sub>(Cl)OC<sub>2</sub>H<sub>4</sub>OH. ( $\beta$ -Hydroxy-ethyl ether of 2-terti



- $\text{C}_6\text{H}_5(\text{Cl})\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-tertiary-butyl-4-chloro phenol).  
Fly spray. 112, 230P.
- 581-591-851-951-1001-1011.  
Ethanol, 2-(2-*tert*-butyl-5-chlorophenoxy)-;  $\text{C}_6\text{H}_5\text{-C}_6\text{H}_4(\text{Cl})\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-tertiary-butyl-5-chloro phenol).  
Fly spray. 112, 230P.
- 581-591-851-951-1001-1011.  
Ethanol, 2-(2-*tert*-butyl-6-chlorophenoxy)-;  $\text{C}_6\text{H}_5\text{-C}_6\text{H}_4(\text{Cl})\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-tertiary-butyl-6-chloro phenol).  
Fly spray. 112, 230P.
- 581-591-851-951-1001-1011.  
Ethanol, 2-(3-*tert*-butyl-4-chlorophenoxy)-;  $\text{C}_6\text{H}_5\text{-C}_6\text{H}_4(\text{Cl})\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 3-tertiary-butyl-4-chloro phenol).  
Fly spray. 112, 230P.
- 581-591-851-951-1001-1011.  
Ethanol, 2-(4-*tert*-butyl-2-chlorophenoxy)-;  $\text{C}_6\text{H}_5\text{-C}_6\text{H}_4(\text{Cl})\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-chloro-4-tertiary-butyl phenol).  
Fly spray. 112, 230P, 231P.
- 581-591-851-951-1001-1011.  
Ethanol, 2-(4-*tert*-butyl-3-chlorophenoxy)-;  $\text{C}_6\text{H}_5\text{-C}_6\text{H}_4(\text{Cl})\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 3-chloro-4-tertiary-butyl phenol).  
Fly spray. 112, 230P.
- 581-591-851-951-1001-1011-1021.  
Ethanol, 2-(4-*tert*-butyl-2-chloro-6-methylphenoxy)-;  $\text{C}_6\text{H}_5\text{-C}_6\text{H}_3(\text{CH}_3)(\text{Cl})\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-methyl-4-tertiary-butyl-6-chloro phenol).  
Fly spray. 112, 231P.
- 581-591-851-951-1002.  
1-Butanol, 4-*tert*-butyl-2-chlorophenoxy-;  $\text{C}_6\text{H}_5\text{-C}_6\text{H}_4(\text{Cl})\text{OC}_2\text{H}_4\text{OH}$ . (Hydroxy-butyl ether of 2-chloro-4-tertiary-butyl phenol).  
Fly spray. 112, 230P.
- 581-591-851-951-1002-1011.  
Ethanol, 2-(2, 5-di-*tert*-butyl-4-chlorophenoxy)-;  $(\text{C}_6\text{H}_5)_2\text{C}_6\text{H}_2(\text{Cl})\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2, 5-di-tertiary-butyl-4-chloro phenol).  
Fly spray. 112, 230P.
- 581-591-851-951-1002-1011.  
Ethanol, 2-(2, 4-di-*tert*-butyl-0-chlorophenoxy)-;  $(\text{C}_6\text{H}_5)_2\text{C}_6\text{H}_2(\text{Cl})\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2, 4-di-tertiary-butyl-6-chloro phenol).  
Fly spray. 112, 230P, 231P.
- 581-591-851-951-1021.  
Guaiacol, 3-chloro-?  $\text{CH}_3\text{OC}_6\text{H}_3(\text{Cl})\text{OH}$ . (Guaiacole, *m*-chloro-).  
T as mothproofing agent. 409P, 117S.
- 581-591-851-952-993-1011-1021.  
Ethanol, 2-(2-benzyl-6-chloro-4-*tert*-octylphenoxy)-;  $\text{C}_6\text{H}_5\text{-C}_6\text{H}_4(\text{Cl})(\text{CH}_2\text{C}_8\text{H}_5)\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-benzyl-4-tertiary-octyl-6-chloro phenol).  
Fly spray. 112, 230P.
- 581-591-851-952-999-1011.  
Ethanol, 2-(4-chloro-2-isoamyl-6-phenylphenoxy)-;  $\text{C}_6\text{H}_5\text{-C}_6\text{H}_3(\text{Cl})(\text{C}_5\text{H}_{11})\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-hydroxy-3-isoamyl-5-chloro diphenyl).  
Fly spray. 112, 229P.
- 581-591-851-952-1001-1011.  
Ethanol, 2-(2-*sec*-butyl-6-chloro-4-phenylphenoxy)-;  $\text{C}_6\text{H}_5\text{-C}_6\text{H}_4(\text{C}_4\text{H}_9)(\text{Cl})\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 4-hydroxy-3-*sec*-butyl-5-chloro diphenyl).  
Fly spray. 112, 229P.
- 581-591-851-952-1001-1011.  
Ethanol, 2-(4-*tert*-butyl-2-chloro-6-phenylphenoxy)-;  $\text{C}_6\text{H}_5\text{-C}_6\text{H}_3(\text{Cl})(\text{C}_4\text{H}_9)\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-hydroxy-3-chloro-5-tertiary-butyl diphenyl).  
Fly spray. 112, 228P, 229P.
- 581-591-851-952-1003.  
1-Propanol, (2-chloro-4-phenylphenoxy)-;  $\text{C}_6\text{H}_5\text{-C}_6\text{H}_4(\text{Cl})\text{OC}_3\text{H}_7\text{OH}$ . (Hydroxy-propyl ether of 4-hydroxy-3-chloro diphenyl).  
Fly spray. 112, 229P.
- 581-591-851-952-1003.  
1-Propanol, (2-chloro-6-phenylphenoxy)-;  $\text{C}_6\text{H}_5\text{-C}_6\text{H}_4(\text{Cl})\text{OC}_3\text{H}_7\text{OH}$ . (Hydroxy-propyl ether of 2-hydroxy-3-chloro diphenyl).  
Fly spray. 112, 228P, 229P.
- 581-591-851-952-1003-1021.  
1-Propanol, (4-chloro-6-phenyl-*o*-toloxyl)-;  $\text{C}_6\text{H}_5\text{-C}_6\text{H}_3(\text{Cl})\text{OC}_3\text{H}_7\text{OH}$ . (Hydroxy-propyl ether of 2-hydroxy-3-methyl-5-chloro diphenyl).  
Fly spray. 112, 229P.
- 581-591-851-952-1004.  
1-Propanol, (2-chloro-6-phenyl-4-*n*-propylphenoxy)-;  $\text{C}_6\text{H}_5\text{-C}_6\text{H}_3(\text{Cl})(\text{C}_3\text{H}_7)\text{OC}_3\text{H}_7\text{OH}$ . (Hydroxy-propyl ether of 2-hydroxy-3-chloro-5-normal-propyl diphenyl).  
Fly spray. 112, 229P.
- 581-591-851-952-1011.  
Ethanol, 2-[2-(*m*-chlorophenyl)phenoxy]-;  $\text{ClC}_6\text{H}_4\text{-C}_6\text{H}_4\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-hydroxy-3'-chloro diphenyl).  
Fly spray. 112, 228P.
- 581-591-851-952-1011.  
Ethanol, 2-[2-(*o*-chlorophenyl)phenoxy]-;  $\text{ClC}_6\text{H}_4\text{-C}_6\text{H}_4\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-hydroxy-2'-chloro diphenyl).  
Fly spray. 112, 228P.
- 581-591-851-952-1011.  
Ethanol, 2-[2-(*p*-chlorophenyl)phenoxy]-;  $\text{ClC}_6\text{H}_4\text{-C}_6\text{H}_4\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-hydroxy-4'-chloro diphenyl).  
Fly spray. 112, 228P.
- 581-591-851-952-1011.  
Ethanol, 2-[3-(*m*-chlorophenyl)phenoxy]-;  $\text{ClC}_6\text{H}_4\text{-C}_6\text{H}_4\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 3-hydroxy-3'-chloro diphenyl).  
Fly spray. 112, 228P.
- 581-591-851-952-1011.  
Ethanol, 2-[3-(*o*-chlorophenyl)phenoxy]-;  $\text{ClC}_6\text{H}_4\text{-C}_6\text{H}_4\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 3-hydroxy-2'-chloro diphenyl).  
Fly spray. 112, 228P.
- 581-591-851-952-1011.  
Ethanol, 2-[3-(*p*-chlorophenyl)phenoxy]-;  $\text{ClC}_6\text{H}_4\text{-C}_6\text{H}_4\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 3-hydroxy-4'-chloro diphenyl).  
Fly spray. 112, 228P.
- 581-591-851-952-1011.  
Ethanol, 2-[4-(*m*-chlorophenyl)phenoxy]-;  $\text{ClC}_6\text{H}_4\text{-C}_6\text{H}_4\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 4-hydroxy-3'-chloro diphenyl).  
Fly spray. 112, 228P.
- 581-591-851-952-1011.  
Ethanol, 2-[4-(*o*-chlorophenyl)phenoxy]-;  $\text{ClC}_6\text{H}_4\text{-C}_6\text{H}_4\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 4-hydroxy-2'-chloro diphenyl).  
Fly spray. 112, 228P.
- 581-591-851-952-1011.  
Ethanol, 2-[4-(*p*-chlorophenyl)phenoxy]-;  $\text{ClC}_6\text{H}_4\text{-C}_6\text{H}_4\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 4-hydroxy-4'-chloro diphenyl).  
Fly spray. 112, 228P.
- 581-591-851-952-1011.  
Ethanol, 2-(2-chloro-3-phenylphenoxy)-;  $\text{C}_6\text{H}_5\text{-C}_6\text{H}_4(\text{Cl})\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 3-hydroxy-2-chloro diphenyl).  
Fly spray. 112, 228P.
- 581-591-851-952-1011.  
Ethanol, 2-(2-chloro-4-phenylphenoxy)-;  $\text{C}_6\text{H}_5\text{-C}_6\text{H}_4(\text{Cl})\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 4-hydroxy-5-chloro diphenyl).  
Fly spray. 112, 228P, 229P.
- 581-591-851-952-1011.  
Ethanol, 2-(2-chloro-5-phenylphenoxy)-;  $\text{C}_6\text{H}_5\text{-C}_6\text{H}_4(\text{Cl})\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 3-hydroxy-4-chloro diphenyl).  
Fly spray. 112, 228P.
- 581-591-851-952-1011.  
Ethanol, 2-(2-chloro-6-phenylphenoxy)-;  $\text{C}_6\text{H}_5\text{-C}_6\text{H}_4(\text{Cl})\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-hydroxy-3-chloro diphenyl).  
Fly spray. 112, 228P, 229P.
- 581-591-851-952-1011.  
Ethanol, 2-(3-chloro-4-phenylphenoxy)-;  $\text{C}_6\text{H}_5\text{-C}_6\text{H}_4(\text{Cl})\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 4-hydroxy-6-chloro diphenyl).  
Fly spray. 112, 228P.
- 581-591-851-952-1011.  
Ethanol, 2-(3-chloro-5-phenylphenoxy)-;  $\text{C}_6\text{H}_5\text{-C}_6\text{H}_4(\text{Cl})\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 4-hydroxy-3-chloro diphenyl).  
Fly spray. 112, 228P, 229P.

- $\text{H}_2(\text{Cl})\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 3-hydroxy-5-chloro diphenyl).  
Fly spray. 112, 228P.
- 581-591-851-952-1011.  
Ethanol, 2-(4-chloro-2-phenylphenoxy)-;  $\text{C}_6\text{H}_5\text{C}_6\text{H}_4(\text{Cl})\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-hydroxy-5-chloro diphenyl).  
Fly spray. 112, 228P, 229P.
- 581-591-851-952-1011.  
Ethanol, 2-(4-chloro-3-phenylphenoxy)-;  $\text{C}_6\text{H}_5\text{C}_6\text{H}_3(\text{Cl})\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 3-hydroxy-6-chloro diphenyl).  
Fly spray. 112, 228P.
- 581-591-851-952-1011.  
Ethanol, 2-(5-chloro-2-phenylphenoxy)-;  $\text{C}_6\text{H}_5\text{C}_6\text{H}_4(\text{Cl})\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-hydroxy-4-chloro diphenyl).  
Fly spray. 112, 228P.
- 581-591-851-952-1011-1021.  
Ethanol, 2-(2-chloro-4-methyl-6-phenylphenoxy)-;  $\text{C}_6\text{H}_5\text{C}_6\text{H}_2(\text{Cl})(\text{CH}_3)\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-hydroxy-3-chloro-5-methyl diphenyl).  
Fly spray. 112, 229P.
- 581-591-851-953-1001-1021.  
1-Butanol, (2-benzyl-6-chloro-4-phenylphenoxy)-;  $\text{C}_6\text{H}_5\text{C}_6\text{H}_3(\text{Cl})(\text{CH}_2\text{C}_6\text{H}_5)\text{OC}_4\text{H}_9\text{OH}$ . (Hydroxy-butyl ether of 4-hydroxy-3-chloro-5-benzyl diphenyl).  
Fly spray. 112, 228P.
- 581-591-851-953-1003-1021.  
1-Propanol, (4-benzyl-3-(*p*-chlorophenyl)phenoxy)-;  $\text{ClC}_6\text{H}_4\text{C}_6\text{H}_3(\text{CH}_2\text{C}_6\text{H}_5)\text{OC}_3\text{H}_7\text{OH}$ . (Hydroxy-propyl ether of 3-hydroxy-4-chloro-6-benzyl diphenyl).  
Fly spray. 112, 228P.
- 581-591-851-953-1011-1021.  
Ethanol, 2-(2-benzyl-6-chloro-4-phenylphenoxy)-;  $\text{C}_6\text{H}_5\text{C}_6\text{H}_3(\text{Cl})(\text{CH}_2\text{C}_6\text{H}_5)\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 4-hydroxy-3-chloro-5-benzyl diphenyl).  
Fly spray. 112, 228P.
- 581-591-851-954-1003-1021-1193-1325.  
Phosphonium hydride, (chlorothymoxy) triphenyl-, T as mothproofing agent. 441P, 1179.
- 581-591-851-952-1011.  
Ethanol, 2-(2-chloro-4-cyclohexylcyclohexyloxy)-;  $\text{C}_6\text{H}_{11}\text{C}_6\text{H}_4(\text{Cl})\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 4-cyclohexyl-6-chlorocyclohexanol).  
Fly spray. 112, 226P.
- 581-591-852-951-961-999.  
1-Pentanol, (2, 6-dichloro-4-cyclohexylphenoxy)-;  $\text{C}_6\text{H}_{11}\text{C}_6\text{H}_2(\text{Cl}_2)\text{OC}_5\text{H}_{11}\text{OH}$ . (Hydroxy-pentyl ether of 2, 6-dichloro-4-cyclohexyl phenol).  
Fly spray. 112, 226P.
- 581-591-852-951-961-1001.  
1-Butanol, (4-cyclohexyl-2, 6-dichlorophenoxy)-;  $\text{C}_6\text{H}_{11}\text{C}_6\text{H}_2(\text{Cl}_2)\text{OC}_4\text{H}_9\text{OH}$ . (Hydroxy-butyl ether of 2, 6-dichloro-4-cyclohexyl phenol).  
Fly spray. 112, 226P.
- 581-591-852-951-961-1001.  
1-Butanol, (2-cyclohexyl-4, 6-dichlorophenoxy)-;  $\text{C}_6\text{H}_{11}\text{C}_6\text{H}_2(\text{Cl}_2)\text{OC}_4\text{H}_9\text{OH}$ . (Hydroxy-butyl ether of 2-cyclohexyl-4, 6-dichloro phenol).  
Fly spray. 112, 226P.
- 581-591-852-951-961-1003.  
1-Propanol, (4-cyclohexyl-2, 6-dichlorophenoxy)-;  $\text{C}_6\text{H}_{11}\text{C}_6\text{H}_2(\text{Cl}_2)\text{OC}_3\text{H}_7\text{OH}$ . (Hydroxy-propyl ether of 2, 6-dichloro-4-cyclohexyl phenol).  
Fly spray. 112, 226P.
- 581-591-852-951-961-1003.  
1-Propanol, (2-cyclohexyl-4, 6-dichlorophenoxy)-;  $\text{C}_6\text{H}_{11}\text{C}_6\text{H}_2(\text{Cl}_2)\text{OC}_3\text{H}_7\text{OH}$ . (Hydroxy-propyl ether of 2, 4-dichloro-6-cyclohexyl phenol).  
Fly spray. 112, 226P.
- 581-591-852-951-961-1011.  
Ethanol, 2-(4-chloro-2-(4-chlorocyclohexyl)phenoxy)-;  $\text{ClC}_6\text{H}_4\text{C}_6\text{H}_3(\text{Cl})(\text{C}_6\text{H}_{10}\text{Cl})\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-(4-chloro-cyclohexyl)-4-chloro phenol).  
Fly spray. 112, 226P.
- 581-591-852-951-961-1011.  
Ethanol, 2-(2-chloro-4-(2-chlorocyclohexyl)phenoxy)-;  $\text{ClC}_6\text{H}_4\text{C}_6\text{H}_3(\text{Cl})\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 4-(2-chloro-cyclohexyl)-6-chloro phenol).  
Fly spray. 112, 226P.
- 581-591-852-951-961-1011.  
Ethanol, 2-(2-cyclohexyl-4, 6-dichlorophenoxy)-;  $\text{C}_6\text{H}_{11}\text{C}_6\text{H}_2(\text{Cl}_2)\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2, 6-dichloro-4-cyclohexyl phenol).  
Fly spray. 112, 231P, 233P.
- 581-591-852-951-961-1011.  
Ethanol, 2-(2-cyclohexyl-4, 6-dichlorophenoxy)-;  $\text{C}_6\text{H}_{11}\text{C}_6\text{H}_2(\text{Cl}_2)\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2, 4-dichloro-6-cyclohexyl phenol).  
Fly spray. 112, 226P.
- 581-591-852-951-961-1011.  
Ethanol, 2-(2-cyclohexyl-3, 6-dichlorophenoxy)-;  $\text{C}_6\text{H}_{11}\text{C}_6\text{H}_3(\text{Cl}_2)\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-cyclohexyl-3, 6-dichloro phenol).  
Fly spray. 112, 226P.
- 581-591-852-951-993-1003.  
1-Propanol, 3-(2, 6-dichloro-4-*tert*-octylphenoxy)-;  $\text{C}_8\text{H}_{17}\text{C}_6\text{H}_2(\text{Cl}_2)\text{OC}_3\text{H}_7\text{OH}$ . (Hydroxy-propyl ether of 2, 6-dichloro-4-*tert*-octyl phenol).  
Fly spray. 112, 231P.
- 581-591-852-951-995-1011.  
Ethanol, 2-(2, 6-dichloro-4-*tert*-heptylphenoxy)-;  $\text{C}_7\text{H}_{15}\text{C}_6\text{H}_2(\text{Cl}_2)\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2, 6-dichloro-4-*tert*-heptyl phenol).  
Fly spray. 112, 231P.
- 581-591-852-951-997-1011.  
Ethanol, 2-(2, 6-dichloro-4-*tert*-hexylphenoxy)-;  $\text{C}_6\text{H}_{13}\text{C}_6\text{H}_2(\text{Cl}_2)\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2, 6-dichloro-4-*tert*-hexyl phenol).  
Fly spray. 112, 230P.
- 581-591-852-951-999-1003.  
1-Propanol, 3-(4-*tert*-amyl-2, 6-dichlorophenoxy)-;  $\text{C}_6\text{H}_{13}\text{C}_6\text{H}_2(\text{Cl}_2)\text{OC}_3\text{H}_7\text{OH}$ . (Hydroxy-propyl ether of 2, 6-dichloro-4-*tert*-amyl phenol).  
Fly spray. 112, 230P.
- 581-591-852-951-999-1011.  
Ethanol, 2-(4-*tert*-amyl-2, 6-dichlorophenoxy)-;  $\text{C}_6\text{H}_{13}\text{C}_6\text{H}_2(\text{Cl}_2)\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2, 6-dichloro-4-*tert*-amyl phenol).  
Fly spray. 112, 231P.
- 581-591-852-951-1001-1011.  
Ethanol, 2-(2-*tert*-butyl-4, 6-dichlorophenoxy)-;  $\text{C}_4\text{H}_9\text{C}_6\text{H}_2(\text{Cl}_2)\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-*tert*-butyl-4, 6-dichloro phenol).  
Fly spray. 112, 230P.
- 581-591-852-951-1001-1011.  
Ethanol, 2-(4-*tert*-butyl-2, 6-dichlorophenoxy)-;  $\text{C}_4\text{H}_9\text{C}_6\text{H}_2(\text{Cl}_2)\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2, 6-dichloro-4-*tert*-butyl phenol).  
Fly spray. 112, 230P, 231P.
- 581-591-852-952-999.  
1-Pentanol, 5-(3, 5-dichloro-2-biphenyloxy)-;  $\text{C}_6\text{H}_5\text{C}_6\text{H}_2(\text{Cl}_2)\text{OC}_5\text{H}_{11}\text{OH}$ . (Hydroxy-pentyl ether of 2-hydroxy-3, 5-dichloro diphenyl; pentanol, (2, 4-dichloro-6-phenylphenoxy)-).  
Fly spray. 112, 228P.
- 581-591-852-952-999.  
1-Pentanol, 5-(3, 5-dichloro-4-biphenyloxy)-;  $\text{C}_6\text{H}_5\text{C}_6\text{H}_3(\text{Cl}_2)\text{OC}_5\text{H}_{11}\text{OH}$ . (Pentanol, (2, 6-dichloro-4-phenylphenoxy)-; hydroxy-pentyl ether of 4-hydroxy-3, 5-dichloro diphenyl).  
Fly spray. 112, 228P.
- 581-591-852-952-1001.  
1-Butanol, 4-(3, 5-dichloro-2-biphenyloxy)-;  $\text{C}_6\text{H}_5\text{C}_6\text{H}_2(\text{Cl}_2)\text{OC}_4\text{H}_9\text{OH}$ . (Butanol, (2, 4-dichloro-6-phenylphenoxy)-; hydroxy-butyl ether of 2-hydroxy-3, 5-dichloro diphenyl).  
Fly spray. 112, 228P.
- 581-591-852-952-1003.  
1-Propanol, 3-(3, 5-dichloro-4-biphenyloxy)-;  $\text{C}_6\text{H}_5\text{C}_6\text{H}_2(\text{Cl}_2)\text{OC}_3\text{H}_7\text{OH}$ . (Propanol, 2, 6-dichloro-4-phenylphenoxy)-; hydroxy-propyl ether of 4-hydroxy-3, 5-dichloro diphenyl).  
Fly spray. 112, 229P.
- 581-591-852-952-1003.  
1-Propanol, 3-(3, 5-dichloro-2-biphenyloxy)-;  $\text{C}_6\text{H}_5\text{C}_6\text{H}_3(\text{Cl}_2)\text{OC}_3\text{H}_7\text{OH}$ . (Propanol, (2, 4-dichloro-6-phenylphenoxy)-; hydroxy-propyl ether of 2-hydroxy-3, 5-dichloro diphenyl).  
Fly spray. 112, 228P, 229P.
- 581-591-852-952-1011.  
Ethanol, 2-(3, 5-dichloro-2-biphenyloxy)-;  $\text{C}_6\text{H}_5\text{C}_6\text{H}_2(\text{Cl}_2)\text{OC}_2\text{H}_4\text{OH}$ . (Ethanol, 2-(2, 4-dichloro-6-phenylphenoxy)-;  $\beta$ -Hydroxy-ethyl ether of 2-hydroxy-3, 5-dichloro diphenyl).  
46% T houseflies. 112, 228P, 229P.
- 581-591-852-952-1011.  
Ethanol, 2-(3, 5-dichloro-4-biphenyloxy)-;  $\text{C}_6\text{H}_5\text{C}_6\text{H}_3(\text{Cl}_2)\text{OC}_2\text{H}_4\text{OH}$ . (Ethanol, 2-(2, 6-dichloro-4-





- 581-591-951-982-1011.  
Ethanol, 2-(4-(1-phenylcyclohexyl)cyclohexyloxy)-;  $\text{C}_{20}\text{H}_{34}\text{O}_2$  ( $\beta$ -Hydroxy-ethyl ether of 4-(1-phenylcyclohexyl)cyclohexanol).  
Fly spray, 112, 230P.
- 581-591-951-988-999-1011-1021.  
Ethanol, 2-(2-*tert*-amyl-6-cyclopentyl-4-methylphenoxy)-;  $\text{C}_{21}\text{H}_{34}\text{O}_2$  ( $\beta$ -Hydroxy-ethyl ether of 2-cyclopentyl-4-methyl-6-*tert*-amyl phenol).  
Fly spray, 112, 233P.
- 581-591-951-998-1001-1011.  
Ethanol, 2-(2-*tert*-butyl-4-cyclopentylphenoxy)-;  $\text{C}_{18}\text{H}_{26}\text{O}_2$  ( $\beta$ -Hydroxy-ethyl ether of 2-*tert*-butyl-4-cyclopentyl phenol).  
Fly spray, 112, 233P.
- 581-591-951-993-999.  
1-Pentanol, *p*-*tert*-octylphenoxy-;  $\text{C}_{21}\text{H}_{40}\text{O}_2$  ( $\beta$ -Hydroxy-pentyl ether of 4-*tert*-octyl phenol).  
Fly spray, 112, 230P.
- 581-591-951-993-999-1011.  
Ethanol, 2-(4-*tert*-amyl-2-octylphenoxy)-;  $\text{C}_{21}\text{H}_{38}\text{O}_2$  ( $\beta$ -Hydroxy-ethyl ether of 2-octyl-4-*tert*-amyl phenol).  
Fly spray, 112, 233P.
- 581-591-951-993-1001.  
1-Butanol, *p*-*tert*-octylphenoxy-;  $\text{C}_{20}\text{H}_{38}\text{O}_2$  ( $\beta$ -Hydroxy-butyl ether of 4-*tert*-octyl phenol).  
Fly spray, 112, 230P.
- 581-591-951-993-1001-1011.  
Ethanol, 2-(2-*tert*-butyl-4-*tert*-octylphenoxy)-;  $\text{C}_{22}\text{H}_{38}\text{O}_2$  ( $\beta$ -Hydroxy-ethyl ether of 2-*tert*-butyl-4-*tert*-octyl phenol).  
Fly spray, 112, 230P.
- 581-591-951-993-1003.  
1-Propanol, *p*-*tert*-octylphenoxy-;  $\text{C}_{20}\text{H}_{38}\text{O}_2$  ( $\beta$ -Hydroxy-propyl ether of 4-*tert*-octyl phenol).  
Fly spray, 112, 230P, 231P.
- 581-591-951-993-1003-1011.  
Ethanol, 2-(4-*tert*-octyl-2-*n*-propylphenoxy)-;  $\text{C}_{21}\text{H}_{38}\text{O}_2$  ( $\beta$ -Hydroxy-ethyl ether of 2-*n*-propyl-4-*tert*-octyl phenol).  
Fly spray, 112, 231P.
- 581-591-951-993-1003-1022.  
1-Propanol, 2-(6-dimethyl-4-*tert*-octylphenoxy)-;  $(\text{CH}_3)_2\text{C}_6\text{H}_3(\text{C}_8\text{H}_{17})\text{OC}_3\text{H}_7\text{OH}$  (Hydroxy-propyl ether of 2, 6-dimethyl-4-*tert*-octyl phenol).  
Fly spray, 112, 231P.
- 581-591-951-993-1004-1011.  
Ethanol, 2-(2, 5-diisopropyl-4-*tert*-octylphenoxy)-;  $(\text{C}_3\text{H}_7)_2\text{C}_6\text{H}_3(\text{C}_8\text{H}_{17})\text{OC}_2\text{H}_5\text{OH}$  ( $\beta$ -Hydroxy-ethyl ether of 2, 5-diisopropyl-4-*tert*-octyl phenol).  
Fly spray, 112, 230P.
- 581-591-951-993-1011.  
Ethanol, 2-(*o*-*tert*-octylphenoxy)-;  $\text{C}_8\text{H}_{17}\text{C}_6\text{H}_4\text{OC}_2\text{H}_5\text{OH}$  ( $\beta$ -Hydroxy-ethyl ether of 2-*tert*-octyl phenol).  
Fly spray, 112, 230P.
- 581-591-951-993-1011.  
Ethanol, 2-(*p*-*tert*-octylphenoxy)-;  $\text{C}_8\text{H}_{17}\text{C}_6\text{H}_4\text{OC}_2\text{H}_5\text{OH}$  ( $\beta$ -Hydroxy-ethyl ether of 4-*tert*-octyl phenol).  
Fly spray, 112, 230P.
- 581-591-951-993-1011-1021.  
19.7% T houseflies at 5%. 112, 230P, 231P.
- 581-591-951-993-1011-1021.  
Ethanol, 2-(2-methyl-4-*tert*-octylphenoxy)-;  $\text{C}_{19}\text{H}_{30}\text{O}_2$  ( $\beta$ -Hydroxy-ethyl ether of 2-methyl-4-*tert*-octyl phenol).  
Fly spray, 112, 230P, 231P.
- 581-591-951-995-1003.  
1-Propanol, *p*-*tert*-heptylphenoxy-;  $\text{C}_{17}\text{H}_{30}\text{O}_2$  ( $\beta$ -Hydroxy-propyl ether of 4-*tert*-heptyl phenol).  
Fly spray, 112, 231P.
- 581-591-951-995-1011.  
Ethanol, 2-(*p*-heptylphenoxy)-;  $\text{C}_{17}\text{H}_{30}\text{O}_2$  ( $\beta$ -Hydroxy-ethyl ether of 4-heptyl phenol).  
Fly spray, 112, 234P.
- 581-591-951-995-1011.  
Ethanol, 2-(*p*-*tert*-heptylphenoxy)-;  $\text{C}_{17}\text{H}_{30}\text{O}_2$  ( $\beta$ -Hydroxy-ethyl ether of 4-*tert*-heptyl phenol).  
Fly spray, 112, 230P.
- 581-591-951-997-1003.  
1-Propanol, *p*-*tert*-hexylphenoxy-;  $\text{C}_{16}\text{H}_{28}\text{O}_2$  ( $\beta$ -Hydroxy-propyl ether of 4-*tert*-hexyl phenol).  
Fly spray, 112, 230P, 231P.
- 581-591-951-997-1011.  
Ethanol, 2-(4-*n*-hexylphenoxy)-;  $\text{C}_{16}\text{H}_{28}\text{O}_2$  ( $\beta$ -Hydroxy-ethyl ether of 4-*n*-hexyl phenol).  
Fly spray, 112, 234P.
- 581-591-951-997-1011.  
Ethanol, 2-(*p*-*sec*-hexylphenoxy)-;  $\text{C}_{16}\text{H}_{28}\text{O}_2$  ( $\beta$ -Hydroxy-ethyl ether of 4-*secondary*-hexyl phenol).  
Fly spray, 112, 234P.
- 581-591-951-997-1011.  
Ethanol, 2-(*m*-*tert*-hexylphenoxy)-;  $\text{C}_{16}\text{H}_{28}\text{O}_2$  ( $\beta$ -Hydroxy-ethyl ether of 3-*tert*-hexyl phenol).  
Fly spray, 112, 230P.
- 581-591-951-997-1011.  
Ethanol, 2-(*o*-*tert*-hexylphenoxy)-;  $\text{C}_{16}\text{H}_{28}\text{O}_2$  ( $\beta$ -Hydroxy-ethyl ether of 2-*tert*-hexyl phenol).  
Fly spray, 112, 230P.
- 581-591-951-997-1011.  
Ethanol, 2-(*p*-*tert*-hexylphenoxy)-;  $\text{C}_{16}\text{H}_{28}\text{O}_2$  ( $\beta$ -Hydroxy-ethyl ether of 4-*tert*-hexyl phenol).  
Fly spray, 112, 230P, 231P, 234P.
- 581-591-951-999-1001.  
1-Butanol, *p*-*tert*-amylphenoxy-;  $\text{C}_{15}\text{H}_{26}\text{O}_2$  ( $\beta$ -Hydroxy-butyl ether of 4-*tert*-amyl phenol).  
Fly spray, 112, 230P, 232P.
- 581-591-951-999-1001.  
1-Pentanol, *p*-*tert*-butylphenoxy-;  $\text{C}_{14}\text{H}_{26}\text{O}_2$  ( $\beta$ -Hydroxy-pentyl ether of 4-*tert*-butyl phenol).  
Fly spray, 112, 230P.
- 581-591-951-999-1001-1011.  
Ethanol, 2-(2-*tert*-amyl-4-*tert*-butylphenoxy)-;  $\text{C}_{18}\text{H}_{30}\text{O}_2$  ( $\beta$ -Hydroxy-ethyl ether of 2-*tert*-amyl-4-*tert*-butyl phenol).  
Fly spray, 112, 233P.
- 581-591-951-999-1002.  
1-Pentanol, 2, 4-di-*tert*-butylphenoxy-;  $(\text{C}_4\text{H}_9)_2\text{C}_6\text{H}_2\text{OC}_5\text{H}_{11}\text{OH}$  (Hydroxy-pentyl ether of 2, 4-di-*tert*-butyl phenol).  
Fly spray, 112, 230P.
- 581-591-951-999-1003.  
1-Propanol, *m*-*tert*-amylphenoxy-;  $\text{C}_{15}\text{H}_{26}\text{O}_2$  ( $\beta$ -Hydroxy-propyl ether of 3-*tert*-amyl phenol).  
Fly spray, 112, 230P, 232P.
- 581-591-951-999-1003.  
1-Propanol, *o*-*tert*-amylphenoxy-;  $\text{C}_{15}\text{H}_{26}\text{O}_2$  ( $\beta$ -Hydroxy-propyl ether of 2-*tert*-amyl phenol).  
Fly spray, 112, 230P, 232P.
- 581-591-951-999-1003.  
1-Propanol, *p*-*tert*-amylphenoxy-;  $\text{C}_{15}\text{H}_{26}\text{O}_2$  ( $\beta$ -Hydroxy-propyl ether of 4-*tert*-amyl phenol).  
Fly spray, 112, 230P, 231P, 232P.
- 581-591-951-999-1003-1011.  
1-Propanol, (2-*tert*-amyl-6-ethylphenoxy)-;  $\text{C}_{17}\text{H}_{30}\text{O}_2$  ( $\beta$ -Hydroxy-propyl ether of 2-*tert*-amyl-6-ethyl phenol).  
Fly spray, 112, 233P.
- 581-591-951-999-1003-1012.  
1-Propanol, 4-*tert*-amyl-2, 6-diethylphenoxy-;  $\text{C}_{19}\text{H}_{34}\text{O}_2$  ( $\beta$ -Hydroxy-propyl ether of 2, 6-diethyl-4-*tert*-amyl phenol).  
Fly spray, 112, 230P.
- 581-591-951-999-1003-1021.  
1-Propanol, 4-*tert*-amyl-*o*-toloxy-;  $\text{C}_{17}\text{H}_{30}\text{O}_2$  ( $\beta$ -Hydroxy-propyl ether of 2-methyl-4-*tert*-amyl phenol).  
Fly spray, 112, 233P.
- 581-591-951-999-1003-1021.  
1-Propanol, 5-*tert*-amyl-*o*-toloxy-;  $\text{C}_{18}\text{H}_{32}\text{O}_2$  ( $\beta$ -Hydroxy-propyl ether of 2-methyl-5-*tert*-amyl phenol).  
Fly spray, 112, 230P.
- 581-591-951-999-1003-1022.  
1-Propanol, (2-*tert*-amyl-4, 6-dimethylphenoxy)-;

- $\text{C}_6\text{H}_{11}\text{C}_6\text{H}_2(\text{CH}_3)_2\text{OC}_6\text{H}_5\text{OH}$ . (Hydroxy-propyl ether of 2, 4-dimethyl-6-tertiary-amyl phenol).  
Fly spray. 112, 233P.
- 581-591-951-999-1004.  
1-Propanol, 4-*tert*-amyl-2-*n*-propylphenoxy-;  $\text{C}_6\text{H}_{11}\text{C}_6\text{H}_2(\text{C}_6\text{H}_5)_2\text{OC}_6\text{H}_5\text{OH}$ . (Hydroxy-propyl ether of 2-*n*-propyl-4-tertiary-amyl phenol).  
Fly spray. 112, 231P.
- 581-591-951-999-1011.  
Ethanol, 2-(*m*-*tert*-amylphenoxy)-;  $\text{C}_6\text{H}_{11}\text{C}_6\text{H}_4\text{OC}_6\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 3-tertiary-amyl phenol).  
Fly spray. 112, 230P, 232P.
- 581-591-951-999-1011.  
Ethanol, 2-(*o*-*tert*-amylphenoxy)-;  $\text{C}_6\text{H}_{11}\text{C}_6\text{H}_4\text{OC}_6\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-tertiary-amyl phenol).  
Fly spray. 112, 230P, 232P.
- 581-591-951-999-1011.  
Ethanol, 2-(*p*-*tert*-amylphenoxy)-;  $\text{C}_6\text{H}_{11}\text{C}_6\text{H}_4\text{OC}_6\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 4-tertiary-amyl phenol).  
Fly spray. 112, 230P, 232P.
- 581-591-951-999-1011.  
Ethanol, 2-(2-*tert*-amyl-3-methylphenoxy)-;  $\text{C}_6\text{H}_{11}\text{C}_6\text{H}_2(\text{CH}_3)_2\text{OC}_6\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-tertiary-amyl-3-methyl phenol).  
Fly spray. 112, 230P.
- 581-591-951-999-1011-1021.  
Ethanol, 2-(2-*tert*-amyl-4-methylphenoxy)-;  $\text{C}_6\text{H}_{11}\text{C}_6\text{H}_2(\text{CH}_3)_2\text{OC}_6\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-tertiary-amyl-4-methyl phenol).  
Fly spray. 112, 230P.
- 581-591-951-999-1011-1021.  
Ethanol, 2-(5-*tert*-amyl-3-methylphenoxy)-;  $\text{C}_6\text{H}_{11}\text{C}_6\text{H}_2(\text{CH}_3)_2\text{OC}_6\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-methyl-5-tertiary-amyl phenol).  
Fly spray. 112, 230P.
- 581-591-951-999-1012.  
Ethanol, 2-(4-*tert*-amyl-2-ethylphenoxy)-;  $\text{C}_6\text{H}_{11}\text{C}_6\text{H}_2(\text{C}_6\text{H}_5)_2\text{OC}_6\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-ethyl-4-tertiary-amyl phenol).  
Fly spray. 112, 234P.
- 581-591-951-999-1013.  
Ethanol, 2-(2-*tert*-amyl-4, 6-diethylphenoxy)-;  $\text{C}_6\text{H}_{11}\text{C}_6\text{H}_2(\text{C}_6\text{H}_5)_2\text{OC}_6\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2, 4-diethyl-6-tertiary-amyl phenol).  
Fly spray. 112, 230P.
- 581-591-951-1000.  
1-Pentanol, *p*-*tert*-amylphenoxy-;  $\text{C}_6\text{H}_{11}\text{C}_6\text{H}_4\text{OC}_6\text{H}_5\text{OH}$ . (Hydroxy-pentyl ether of 4-tertiary-amyl phenol).  
Fly spray. 112, 230P.
- 581-591-951-1000-1003-1021.  
1-Propanol, (2, 4-di-*tert*-amyl-6-methylphenoxy)-;  $(\text{C}_6\text{H}_{11})_2\text{C}_6\text{H}_2(\text{CH}_3)_2\text{OC}_6\text{H}_5\text{OH}$ . (Hydroxy-propyl ether of 2, 4-di-tertiary-amyl-6-methyl phenol).  
Fly spray. 112, 231P.
- 581-591-951-1000-1011.  
Ethanol, 2-(2, 4-di-*tert*-amylphenoxy)-;  $(\text{C}_6\text{H}_{11})_2\text{C}_6\text{H}_2\text{OC}_6\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2, 4-di-tertiary-amyl phenol).  
Fly spray. 112, 230P, 231P, 233P.
- 581-591-951-1000-1011.  
Ethanol, 2-(2, 4-di-*sec*-amyl-6-phenylphenoxy)-;  $(\text{C}_6\text{H}_{11})_2\text{C}_6\text{H}_2\text{OC}_6\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-hydroxy-3, 5-di-*n*-amyl diphenyl).  
Fly spray. 112, 228P.
- 581-591-951-1000-1011.  
Ethanol, 2-(2, 6-di-*n*-amyl-4-phenylphenoxy)-;  $\text{C}_6\text{H}_5\text{C}_6\text{H}_2(\text{C}_6\text{H}_{11})_2\text{OC}_6\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 4-hydroxy-3, 5-di-*n*-amyl diphenyl).  
Fly spray. 112, 228P.
- 581-591-951-1001-1003.  
1-Propanol, *p*-*sec*-butylphenoxy-;  $\text{C}_4\text{H}_9\text{C}_6\text{H}_4\text{OC}_6\text{H}_5\text{OH}$ . (Hydroxy-propyl ether of 4-secondary-butyl phenol).  
Fly spray. 112, 234P.
- 581-591-951-1001-1003.  
1-Propanol, *m*-*tert*-butylphenoxy-;  $\text{C}_4\text{H}_9\text{C}_6\text{H}_4\text{OC}_6\text{H}_5\text{OH}$ . (Hydroxy-propyl ether of 3-tertiary-butyl phenol).  
Fly spray. 112, 230P.
- 581-591-951-1001-1003.  
1-Propanol, *o*-*tert*-butylphenoxy-;  $\text{C}_4\text{H}_9\text{C}_6\text{H}_4\text{OC}_6\text{H}_5\text{OH}$ . (Hydroxy-propyl ether of 2-tertiary-butyl phenol).  
Fly spray. 112, 230P.
- 581-591-951-1001-1003.  
1-Propanol, *p*-*tert*-butylphenoxy-;  $\text{C}_4\text{H}_9\text{C}_6\text{H}_4\text{OC}_6\text{H}_5\text{OH}$ . (Hydroxy-propyl ether of 4-tertiary-butyl phenol).  
30% T houseflies at 3%. 112, 230P, 231P, 232P, 234P.
- 581-591-951-1001-1003-1011.  
Ethanol, 2-(2-*tert*-butyl-4-*n*-propylphenoxy)-;  $\text{C}_4\text{H}_9\text{C}_6\text{H}_2(\text{C}_6\text{H}_7)_2\text{OC}_6\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-tertiary-butyl-4-*n*-propyl phenol).  
Fly spray. 112, 229P.
- 581-591-951-1001-1003-1021.  
1-Propanol, (4-*tert*-butyl-*o*-toloxy)-;  $\text{C}_6\text{H}_5\text{C}_6\text{H}_2(\text{CH}_3)_2\text{OC}_6\text{H}_5\text{OH}$ . (Hydroxy-propyl ether of 2-methyl-4-tertiary-butyl phenol).  
Fly spray. 112, 230P, 233P.
- 581-591-951-1001-1011.  
Ethanol, 2-(*p*-butylphenoxy)-;  $\text{C}_4\text{H}_9\text{C}_6\text{H}_4\text{OC}_6\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 4-butyl phenol).  
Fly spray. 112, 234P.
- 581-591-951-1001-1011.  
Ethanol, 2-(4-isobutylphenoxy)-;  $\text{C}_4\text{H}_9\text{C}_6\text{H}_4\text{OC}_6\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 4-isobutyl phenol).  
Fly spray. 112, 234P.
- 581-591-951-1001-1011.  
Ethanol, 2-(*p*-*sec*-butylphenoxy)-;  $\text{C}_4\text{H}_9\text{C}_6\text{H}_4\text{OC}_6\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 4-secondary-butyl phenol).  
50% T houseflies at 3%. 112, 234P.
- 581-591-951-1001-1011.  
Ethanol, 2-(*m*-*tert*-butylphenoxy)-;  $\text{C}_4\text{H}_9\text{C}_6\text{H}_4\text{OC}_6\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 3-tertiary-butyl phenol).  
Fly spray. 112, 230P, 232P.
- 581-591-951-1001-1011.  
Ethanol, 2-(*o*-*tert*-butylphenoxy)-;  $\text{C}_4\text{H}_9\text{C}_6\text{H}_4\text{OC}_6\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-tertiary-butyl phenol).  
Fly spray. 112, 230P, 233P.
- 581-591-951-1001-1011.  
Ethanol, 2-(*p*-*tert*-butylphenoxy)-;  $\text{C}_4\text{H}_9\text{C}_6\text{H}_4\text{OC}_6\text{H}_5\text{OH}$ . (4-Tertiary-butyl phenoxy ethanol).  
T as mothproofing agent. 968P.
- 581-591-951-1001-1011-1021.  
Ethanol, 2-(2-*tert*-butyl-4-methylphenoxy)-;  $\text{C}_4\text{H}_9\text{C}_6\text{H}_2(\text{CH}_3)_2\text{OC}_6\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-tertiary-butyl-4-methyl phenol).  
Fly spray. 112, 230P, 233P.
- 581-591-951-1001-1011-1021.  
Ethanol, 2-(2-*tert*-butyl-5-methylphenoxy)-;  $\text{C}_4\text{H}_9\text{C}_6\text{H}_2(\text{CH}_3)_2\text{OC}_6\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-tertiary-butyl-5-methyl phenol).  
Fly spray. 112, 230P.
- 581-591-951-1001-1011-1021.  
Ethanol, 2-(2-*tert*-butyl-6-methylphenoxy)-;  $\text{C}_4\text{H}_9\text{C}_6\text{H}_2(\text{CH}_3)_2\text{OC}_6\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-tertiary-butyl-6-methyl phenol).  
Fly spray. 112, 230P.
- 581-591-951-1001-1011-1022.  
Ethanol, 2-(4-*tert*-butyl-2, 6-dimethylphenoxy)-;  $\text{C}_4\text{H}_9\text{C}_6\text{H}_2(\text{CH}_3)_2\text{OC}_6\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2,6-dimethyl-4-tertiary-butyl phenol).  
Fly spray. 112, 230P.
- 581-591-951-1001-1011-1022.  
Ethanol, 2-(2-*tert*-butyl-4, 6-dimethylphenoxy)-;  $\text{C}_4\text{H}_9\text{C}_6\text{H}_2(\text{CH}_3)_2\text{OC}_6\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2,4-dimethyl-6-tertiary-butyl phenol).  
Fly spray. 112, 230P.
- 581-591-951-1001-1012.  
1-Butanol, 2,4-diethylphenoxy-;  $(\text{C}_2\text{H}_5)_2\text{C}_6\text{H}_4\text{OC}_6\text{H}_5\text{OH}$ . (Hydroxy-butyl ether of 2,4-diethyl phenol).  
Fly spray. 112, 234P.
- 581-591-951-1001-1012.  
Ethanol, 2-(2-*tert*-butyl-4-ethylphenoxy)-;  $\text{C}_4\text{H}_9\text{C}_6\text{H}_2(\text{C}_6\text{H}_5)_2\text{OC}_6\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-tertiary-butyl-4-ethyl phenol).  
Fly spray. 112, 230P.

- 581-591-951-1001-1013.  
Ethanol, 2-(4-*tert*-butyl-2,6-diethylphenoxy)-;  $C_6H_5C_6H_4(C_2H_5)_2OC_2H_4OH$ . ( $\beta$ -Hydroxy-ethyl ether of 2,6-diethyl-4-tertiary-butyl phenol).  
Fly spray. 112, 233P.
- 581-591-951-1002.  
1-Butanol, *p*-*sec*-butylphenoxy;  $C_4H_9C_6H_4OC_2H_4OH$ . (Hydroxy-butyl ether of 4-*sec*-butyl phenol).  
Fly spray. 112, 234P.
- 581-591-951-1002.  
1-Butanol, *o*-*tert*-butylphenoxy;  $C_4H_9C_6H_4OC_2H_4OH$ . (Hydroxy-butyl ether of 2-tertiary-butyl phenol).  
Fly spray. 112, 230P.
- 581-591-951-1002.  
1-Butanol, *p*-*tert*-butylphenoxy;  $C_4H_9C_6H_4OC_2H_4OH$ . (Hydroxy-butyl ether of 4-tertiary-butyl phenol).  
Fly spray. 112, 230P, 232P.
- 581-591-951-1002-1003.  
1-Propanol, (2,6-di-*tert*-butylphenoxy)-;  $(C_6H_5)_2C_6H_4OC_3H_7OH$ . (Hydroxy-propyl ether of 2,6-di-tertiary-butyl phenol).  
Fly spray. 112, 233P.
- 581-591-951-1002-1003-1021.  
1-Propanol, (4,6-di-*tert*-butyl-*o*-toloxy)-;  $(C_6H_5)_2C_6H_4(C_2H_5)OC_3H_7OH$ . (Hydroxy-propyl ether of 2,4-di-tertiary-butyl-6-methyl phenol; hydroxy-propyl ether of 2-methyl-4,6-tertiary-butyl phenol).  
Fly spray. 112, 231P, 233P.
- 581-591-951-1002-1011.  
Ethanol, 2-(2,4-di-*tert*-butylphenoxy)-;  $C_6H_5C_6H_4OC_2H_4OH$ . ( $\beta$ -Hydroxy-ethyl ether of 2,4-di-tertiary-butyl phenol).  
Fly spray. 112, 230P, 233P.
- 581-591-951-1002-1011.  
Ethanol, 2-(2,5-di-*tert*-butylphenoxy)-;  $(C_6H_5)_2C_6H_4OC_2H_4OH$ . ( $\beta$ -Hydroxy-ethyl ether of 2,5-di-tertiary-butyl phenol).  
Fly spray. 112, 230P.
- 581-591-951-1002-1011.  
Ethanol, 2-(2-*tert*-butyl-6-isobutylphenoxy)-;  $(C_6H_5)_2C_6H_4OC_2H_4OH$ . ( $\beta$ -Hydroxy-ethyl ether of 2-tertiary-butyl-6-isobutyl phenol).  
Fly spray. 112, 233P.
- 581-591-951-1002-1011.  
Ethanol, 2-(2-*sec*-butyl-4-*tert*-butylphenoxy)-;  $(C_6H_5)_2C_6H_4OC_2H_4OH$ . ( $\beta$ -Hydroxy-ethyl ether of 2-secondary-butyl-4-tertiary-butyl phenol).  
Fly spray. 112, 230P.
- 581-591-951-1002-1011-1021.  
Ethanol, 2-(2,4-di-*tert*-butyl-6-methylphenoxy)-;  $(C_6H_5)_2C_6H_4(C_2H_5)OC_2H_4OH$ . ( $\beta$ -Hydroxy-ethyl ether of 2-methyl-4,6-di-tertiary-butyl phenol).  
Fly spray. 112, 231P, 233P.
- 581-591-951-1002-1021.  
1-Butanol, 5-*tert*-butyl-2-methylphenoxy;  $C_4H_9C_6H_4(C_2H_5)OC_2H_4OH$ . (Hydroxy-butyl ether of 2-methyl-5-tertiary-butyl phenol).  
Fly spray. 112, 230P.
- 581-591-951-1003-1011-1021.  
Ethanol, 2-(4-*tert*-butyl-2-methylphenoxy)-;  $C_6H_5C_6H_4(C_2H_5)OC_2H_4OH$ . ( $\beta$ -Hydroxy-ethyl ether of 2-methyl-4-tertiary-butyl phenol).  
42% T houseflies at 3%. 112, 230P, 231P, 233P, 234P.
- 581-591-951-1003-1012.  
Ethanol, 2-(2-ethyl-4-isopropylphenoxy)-;  $C_6H_5C_6H_4(C_2H_5)OC_2H_4OH$ . ( $\beta$ -Hydroxy-ethyl ether of 2-ethyl-4-isopropyl phenol).  
Fly spray. 112, 234P.
- 581-591-951-1003-1012.  
1-Propanol, (2,4-diethylphenoxy)-;  $(C_2H_5)_2C_6H_4OC_3H_7OH$ . (Hydroxy-propyl ether of 2,4-diethyl phenol).  
Fly spray. 112, 234P.
- 581-591-951-1003-1021-1030.  
Eugenol;  $HOC_6H_3(OC_2H_5)CH_2CH:CH_3$ .  
T *Leptinotarsa decemlineata*; NT oriental peach moth as attractant. 508, 1009.
- 581-591-951-1003-1021-1030.  
Guaiacol, propenyl-, CU;  $HOC_6H_4(OCH_3)CH:CHCH_3$ .  
NT *Bombyx mori* larvae. 559.
- 581-591-951-1004-1011.  
Ethanol, 2-(2,4-diisopropylphenoxy)-;  $(C_3H_7)_2C_6H_4OC_2H_4OH$ . ( $\beta$ -Hydroxy-ethyl ether of 2,4-diisopropyl phenol).  
Fly spray. 112, 234P.
- 581-591-951-1004-1011.  
Ethanol, 2-(diisopropylphenoxy)-; CU;  $(C_3H_7)_2C_6H_4OC_2H_4OH$ . ( $\beta$ -Hydroxy-ethyl ether of diisopropyl phenol).  
Fly spray. 112, 234P.
- 581-591-951-1004-1021.  
1-Propanol, 4-isopropyl-*o*-toloxy;  $C_6H_5C_6H_4(C_2H_5)OC_3H_7OH$ . (Hydroxy-propyl ether of 2-methyl-4-isopropyl phenol).  
Fly spray. 112, 234P.
- 581-591-951-1011.  
Phenol, *m*-ethoxy-;  $C_6H_5OC_2H_4OH$ . (Phenetol, 2-hydroxy-; resorcinol monoethyl ether).  
T as mothproofing agent; NT screwworms. 150, 870P, 1175.
- 581-591-951-1011.  
Ethanol, 2-phenoxy-;  $C_6H_5OC_2H_4OH$ . (Ethylene glycol monophenyl ether). 591P.
- 581-591-951-1013.  
Ethanol, 2-(2,4-diethylphenoxy)-;  $(C_6H_5)_2C_6H_4OC_2H_4OH$ . ( $\beta$ -Hydroxy-ethyl ether of 2,4-diethyl phenol).  
60% T houseflies at 3%. 112, 234P.
- 581-591-951-1021.  
Guaiacol;  $CH_3OC_6H_4OH$ . (*o*-Methoxyphenol; pyrocatechol monomethyl ether; *o*-hydroxyanisole).  
100% T *Aphis rumicis* at 5.0%; T clothes moths. 84P, 404P, 405P, 1175, 1362P, 1376.
- 581-591-951-1021.  
Phenol, *p*-methoxy-;  $CH_3OC_6H_4OH$ . (Hydroquinone monomethyl ether).  
T screwworms at 0.33-0.67%. 150.
- 581-591-951-1022.  
Anisyl alcohol;  $CH_3OC_6H_4CH_2OH$ . (*p*-Methoxybenzyl alcohol; anisolethol).  
T screwworms at 0.17-0.33%; NT wireworms, 150, 846.
- 581-591-951-1027.  
Ethers, 4-*tert*-alkylphenyl hydroxyalkyl-;  $XC_6H_4(Y)OCH_2CH_2OH$ . (Hydroxy-alkyl ethers of 4-tertiary-alkyl phenols). R is hydrogen, the other R is hydrogen or a methyl radical, X is a tertiary alkyl group containing not more than 5 carbons, one Y is halogen, and the other Y is halogen or hydrogen.  
Fly spray. 112, 231P.
- 581-591-951-1027.  
Ethers, *tert*-alkylphenyl hydroxyalkyl-;  $XC_6H_4(X)OCH_2CH_2OH$ . (Hydroxyalkyl ethers). R is hydrogen, the other R is either a methyl radical or hydrogen, one X is a tertiary-alkyl radical containing not more than 5 carbons, another X is either an alkyl or a cyclo-alkyl radical, and the third X is hydrogen or an alkyl or cyclo-alkyl radical.  
Fly spray. 112, 233P.
- 581-591-951-1027.  
Ethers, *tert*-alkylphenyl hydroxyalkyl-;  $(CH_3)_2CnH_{n-1}C_6H_4OROH$ . (Hydroxyalkyl ether of tertiary alkyl phenols). R is an alkylene group containing 2 to 4 carbon atoms, and n is an integer not greater than 2.  
Fly spray. 112, 232P.
- 581-591-951-1027.  
Ethers, alkylphenyl hydroxyalkyl-;  $XC_6H_4(Y)OROH$ . (Hydroxy-alkyl ethers of alkyl phenols). R is an alkyl residue containing not more than 4 carbon atoms, X is an alkyl group, and Y is an alkyl group or hydrogen, the sum of the carbon atoms in the alkyl substituents on the ring being from 4 to 7.  
Fly spray. 112, 227P, 234P.
- 581-591-951-1027.  
Alcohols, substituted phenoxy-. Hydroxyalkyl ethers of a tertiary alkyl phenol in which the tertiary alkyl group contains from 4 to 6 carbon atoms, the benzene ring contains at least one additional substituent which is non-reactive with acids and alkalis in the esterification reaction, and the alkyl residue of the hydroxyalkyl radical contains at least 2 carbon atoms.  
Fly spray. 112, 230P.
- 581-591-952-961-1003.  
1-Propanol, 4-(1-phenylcyclohexyl) phenoxy-;  $C_6H_5C_6H_4OC_3H_7OH$ . ( $\beta$ -Hydroxy-ethyl ether of 4-(1-phenylcyclohexyl) phenol).  
Fly spray. 112, 234P.

- $\text{H}_3\text{C}_6\text{H}_{10}\text{C}_6\text{H}_4\text{OC}_2\text{H}_5\text{OH}$ . (Hydroxy-propyl ether of 4-(1-phenyl-cyclohexyl) phenol).  
Fly spray. 112, 228P.
- 581-591-952-961-1011-1021.  
Ethanol, 2-(4-benzyl-2-cyclohexylphenoxy)-;  $\text{C}_6\text{H}_5\text{-CH}_2\text{C}_6\text{H}_5(\text{C}_6\text{H}_{11})\text{OC}_2\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-cyclohexyl-4-benzyl phenol).  
Fly spray. 112, 228P.
- 581-591-952-983-1003.  
1-Propanol, (4-*tert*-octyl-2-phenylphenoxy)-;  $\text{C}_8\text{H}_{17}\text{-C}_6\text{H}_5(\text{C}_6\text{H}_5)\text{OC}_2\text{H}_5\text{OH}$ . (Hydroxy-propyl ether of 2-hydroxy-5-*tert*-octyl diphenyl).  
Fly spray. 112, 229P.
- 581-591-952-993-1003-1021.  
1-Propanol, (6-*tert*-octyl-4-phenyl-o-toloxyl)-;  $\text{C}_8\text{H}_{17}\text{-C}_6\text{H}_5(\text{C}_6\text{H}_5)(\text{CH}_3)\text{OC}_2\text{H}_5\text{OH}$ . (Hydroxy-propyl ether of 4-hydroxy-3-methyl-5-*tert*-octyl diphenyl).  
Fly spray. 112, 229P.
- 581-591-952-993-1011.  
Ethanol, 2-(2-*tert*-octyl-4-phenylphenoxy)-;  $\text{C}_8\text{H}_{17}\text{-C}_6\text{H}_5(\text{C}_6\text{H}_5)\text{OC}_2\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 4-hydroxy-5-*tert*-octyl diphenyl).  
Fly spray. 112, 228P.
- 581-591-952-993-1011.  
Ethanol, 2-(4-*tert*-octyl-2-phenylphenoxy)-;  $\text{C}_8\text{H}_{17}\text{-C}_6\text{H}_5(\text{C}_6\text{H}_5)\text{OC}_2\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-hydroxy-5-*tert*-octyl diphenyl).  
Fly spray. 112, 229P.
- 581-591-952-995-1011.  
Ethanol, 2-(4-isohexyl-2-phenylphenoxy)-;  $\text{C}_7\text{H}_{13}\text{-C}_6\text{H}_5(\text{C}_6\text{H}_5)\text{OC}_2\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-hydroxy-5-isohexyl diphenyl).  
Fly spray. 112, 229P.
- 581-591-952-995-1011.  
Ethanol, 2-(*p*-(*p*-*tert*-heptylphenyl)phenoxy)-;  $\text{C}_7\text{H}_{13}\text{-C}_6\text{H}_5(\text{C}_6\text{H}_5)\text{OC}_2\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 4-hydroxy-4'-*tert*-heptyl diphenyl).  
Fly spray. 112, 228P.
- 581-591-952-995-1011-1021.  
Ethanol, 2-(2-benzyl-5-*tert*-heptylphenoxy)-;  $\text{C}_7\text{H}_{13}\text{-C}_6\text{H}_5(\text{CH}_3\text{C}_6\text{H}_5)\text{OC}_2\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 3-*tert*-heptyl-6-benzyl phenol).  
Fly spray. 112, 230P.
- 581-591-952-997-1003.  
1-Propanol, (4-isohexyl-2-phenylphenoxy)-;  $\text{C}_7\text{H}_{13}\text{-C}_6\text{H}_5(\text{C}_6\text{H}_5)\text{OC}_2\text{H}_5\text{OH}$ . (Hydroxy-propyl ether of 2-hydroxy-5-isohexyl diphenyl).  
Fly spray. 112, 228P.
- 581-591-952-997-1011.  
Ethanol, 2-(4-isohexyl-2-phenylphenoxy)-;  $\text{C}_7\text{H}_{13}\text{-C}_6\text{H}_5(\text{C}_6\text{H}_5)\text{OC}_2\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-hydroxy-5-isohexyl diphenyl).  
Fly spray. 112, 229P.
- 581-591-952-997-1011-1021.  
Ethanol, 2-(*m*-(*p*-isohexylphenyl)phenoxy)-;  $\text{C}_7\text{H}_{13}\text{-C}_6\text{H}_5(\text{C}_6\text{H}_5)\text{OC}_2\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 3-hydroxy-4'-isohexyl diphenyl).  
Fly spray. 112, 228P.
- 581-591-952-997-1011-1021.  
Ethanol, 2-(2-benzyl-4-*tert*-hexylphenoxy)-;  $\text{C}_6\text{H}_{13}\text{-C}_6\text{H}_5(\text{CH}_3\text{C}_6\text{H}_5)\text{OC}_2\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-benzyl-4-*tert*-hexyl phenol).  
Fly spray. 112, 230P.
- 581-591-952-999-1011.  
Ethanol, 2-(4-*tert*-amyl-2-phenylphenoxy)-;  $\text{C}_8\text{H}_9\text{-C}_6\text{H}_5(\text{C}_6\text{H}_5)\text{OC}_2\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-hydroxy-5-*tert*-amyl diphenyl).  
Fly spray. 112, 229P.
- 581-591-952-999-1011.  
Ethanol, 2-(*o*-(*p*-isomylphenyl)phenoxy)-;  $\text{C}_8\text{H}_{11}\text{-C}_6\text{H}_5(\text{C}_6\text{H}_5)\text{OC}_2\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-hydroxy-4'-isomyl diphenyl).  
Fly spray. 112, 228P.
- 581-591-952-1000-1011.  
Ethanol, 2-(2,6-di-*tert*-amyl-4-phenylphenoxy)-;  $(\text{C}_6\text{H}_{11})_2\text{C}_6\text{H}_3(\text{C}_6\text{H}_5)\text{OC}_2\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 4-hydroxy-3,5-di-*tert*-amyl diphenyl).  
Fly spray. 112, 229P.
- 581-591-952-1001-1003.  
1-Propanol, (2-*tert*-butyl-6-phenylphenoxy)-;  $\text{C}_4\text{H}_9\text{C}_6\text{H}_5(\text{C}_6\text{H}_5)\text{OC}_2\text{H}_5\text{OH}$ . (Hydroxy-propyl ether of 2-hydroxy-3-*tert*-butyl diphenyl).  
Fly spray. 112, 229P.
- 581-591-952-1001-1003.  
1-Butanol, (4-isopropyl-2-phenylphenoxy)-;  $\text{C}_4\text{H}_7\text{-C}_6\text{H}_5(\text{C}_6\text{H}_5)\text{OC}_2\text{H}_5\text{OH}$ . (Hydroxy-butyl ether of 2-hydroxy-5-isopropyl diphenyl).  
Fly spray. 112, 228P.
- 581-591-952-1001-1003.  
1-Propanol, (4-*n*-butyl-2-phenylphenoxy)-;  $\text{C}_4\text{H}_9\text{C}_6\text{H}_5(\text{C}_6\text{H}_5)\text{OC}_2\text{H}_5\text{OH}$ . (Hydroxy-propyl ether of 2-hydroxy-5-*n*-butyl diphenyl).  
Fly spray. 112, 229P.
- 581-591-952-1001-1003.  
1-Propanol, (4-*tert*-butyl-2-phenylphenoxy)-;  $\text{C}_4\text{H}_9\text{-C}_6\text{H}_5(\text{C}_6\text{H}_5)\text{OC}_2\text{H}_5\text{OH}$ . (Hydroxy-propyl ether of 2-hydroxy-5-*tert*-butyl diphenyl).  
Fly spray. 112, 228P.
- 581-591-952-1001-1003-1021.  
1-Propanol, 4-benzyl-2-*tert*-butylphenoxy)-;  $\text{C}_4\text{H}_9\text{C}_6\text{H}_5(\text{CH}_2\text{C}_6\text{H}_5)\text{OC}_2\text{H}_5\text{OH}$ . (Hydroxy-propyl ether of 2-*tert*-butyl-4-benzyl phenol).  
Fly spray. 112, 230P.
- 581-591-952-1001-1003-1021.  
1-Propanol, (2-*tert*-butyl-4-methyl-6-phenylphenoxy)-;  $\text{C}_4\text{H}_9\text{C}_6\text{H}_5(\text{C}_6\text{H}_5)(\text{CH}_3)\text{OC}_2\text{H}_5\text{OH}$ . (Hydroxy-propyl ether of 2-hydroxy-3-*tert*-butyl-5-methyl diphenyl).  
Fly spray. 112, 229P.
- 581-591-952-1001-1011.  
Ethanol, 2-(2-butyl-6-phenylphenoxy)-;  $\text{C}_4\text{H}_9\text{C}_6\text{H}_5(\text{C}_6\text{H}_5)\text{OC}_2\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-hydroxy-3-butyl diphenyl).  
Fly spray. 112, 229P.
- 581-591-952-1001-1011.  
Ethanol, 2-(2-*sec*-butyl-4-phenylphenoxy)-;  $\text{C}_4\text{H}_9\text{-C}_6\text{H}_5(\text{CH}(\text{CH}_3)\text{C}_6\text{H}_5)\text{OC}_2\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 4-hydroxy-3-*sec*-butyl diphenyl).  
Fly spray. 112, 229P.
- 581-591-952-1001-1011.  
Ethanol, 2-(4-*sec*-butyl-2-phenylphenoxy)-;  $\text{C}_4\text{H}_9\text{-C}_6\text{H}_5(\text{CH}(\text{CH}_3)\text{C}_6\text{H}_5)\text{OC}_2\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-hydroxy-5-*sec*-butyl diphenyl).  
Fly spray. 112, 228P.
- 581-591-952-1001-1011.  
Ethanol, 2-(2-*tert*-butyl-6-phenylphenoxy)-;  $\text{C}_4\text{H}_9\text{-C}_6\text{H}_5(\text{C}_6\text{H}_5)\text{OC}_2\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-hydroxy-3-*tert*-butyl diphenyl).  
Fly spray. 112, 229P.
- 581-591-952-1001-1011.  
Ethanol, 2-(4-*tert*-butyl-2-phenylphenoxy)-;  $\text{C}_4\text{H}_9\text{-C}_6\text{H}_5(\text{C}_6\text{H}_5)\text{OC}_2\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-hydroxy-5-*tert*-butyl diphenyl).  
Fly spray. 112, 229P.
- 581-591-952-1001-1011-1021.  
Ethanol, 2-(2-*tert*-amyl-4-benzylphenoxy)-;  $\text{C}_8\text{H}_9\text{-C}_6\text{H}_5(\text{CH}_2\text{C}_6\text{H}_5)(\text{C}_6\text{H}_{11})\text{OC}_2\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-*tert*-amyl-4-benzyl phenol).  
Fly spray. 112, 230P.
- 581-591-952-1001-1011-1021.  
Ethanol, 2-(4-*tert*-butyl-6-phenyl-o-toloxyl)-;  $\text{C}_4\text{H}_9\text{C}_6\text{H}_5(\text{CH}_3)(\text{C}_6\text{H}_5)\text{OC}_2\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-hydroxy-3-methyl-5-*tert*-butyl diphenyl).  
Fly spray. 112, 229P.
- 581-591-952-1001-1011-1022.  
Ethanol, 2-(2-benzyl-4-*tert*-butyl-6-methylphenoxy)-;  $\text{C}_4\text{H}_9\text{C}_6\text{H}_5\text{CH}_2\text{C}_6\text{H}_5(\text{CH}_3)(\text{C}_6\text{H}_5)\text{OC}_2\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-methyl-4-*tert*-butyl-6-benzyl phenol).  
Fly spray. 112, 230P.
- 581-591-952-1001-1012.  
Ethanol, 2-(2-*tert*-butyl-4-phenylethylphenoxy)-;  $\text{C}_4\text{H}_9\text{C}_6\text{H}_5(\text{C}_6\text{H}_5)(\text{C}_2\text{H}_5)\text{OC}_2\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-*tert*-butyl-4-phenylethyl phenol).  
Fly spray. 112, 230P.
- 581-591-952-1001-1012.  
Ethanol, 2-[5-*sec*-butyl-2-*m*-(*n*-ethylphenyl)phenoxy]-;  $\text{C}_8\text{H}_9\text{C}_6\text{H}_4(\text{C}_6\text{H}_5)(\text{C}_2\text{H}_5)\text{OC}_2\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-hydroxy-4-*sec*-butyl-5-*n*-ethyl diphenyl).  
Fly spray. 112, 228P.
- 581-591-952-1002-1003-1011.  
Ethanol, 2-[2-*n*-butyl-5-(2,4-diisopropylphenyl)phenoxy]-;  $(\text{C}_4\text{H}_7)_2\text{C}_6\text{H}_3\text{C}_6\text{H}_5(\text{C}_6\text{H}_5)\text{OC}_2\text{H}_5\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 3-hydroxy-4-*n*-butyl-4',6'-diisopropyl diphenyl).  
Fly spray. 112, 228P.



581-591-952-1002-1004-1011.

Ethanol, 2-[2-(*tert*-butyl-4-(2,4-diisopropylphenyl)-phenoxy)]-(C<sub>6</sub>H<sub>7</sub>)<sub>2</sub>OC<sub>2</sub>H<sub>4</sub>OH. (β-Hydroxy-ethyl ether of 4-hydroxy-3, 5-di-*tert*-butyl-4',6'-diisopropyl diphenyl).

Fly spray. 112, 228P.

581-591-952-1002-1011.

Ethanol, 2-(2,4-di-*tert*-butyl-6-phenylphenoxy)-; (C<sub>6</sub>H<sub>5</sub>)<sub>2</sub>C<sub>6</sub>H<sub>3</sub>(C<sub>6</sub>H<sub>5</sub>)OC<sub>2</sub>H<sub>4</sub>OH. (β-Hydroxy-ethyl ether of 2-hydroxy-3,5-di-*tert*-butyl diphenyl).

Fly spray. 112, 228P.

581-591-952-1002-1011.

Ethanol, 2-(2,4-di-*sec*-butyl-5-phenylphenoxy)-; (C<sub>6</sub>H<sub>5</sub>)<sub>2</sub>C<sub>6</sub>H<sub>3</sub>(C<sub>6</sub>H<sub>5</sub>)OC<sub>2</sub>H<sub>4</sub>OH. (β-Hydroxy-ethyl ether of 3-hydroxy-4,6-di-*sec*-butyl diphenyl).

Fly spray. 112, 228P.

581-591-952-1002-1011-1021.

Ethanol, 2-(4-benzyl-2,5-di-*tert*-butylphenoxy)-; C<sub>6</sub>H<sub>5</sub>CH<sub>2</sub>C<sub>6</sub>H<sub>3</sub>(C<sub>6</sub>H<sub>5</sub>)OC<sub>2</sub>H<sub>4</sub>OH. (β-Hydroxy-ethyl ether of 2,5-di-*tert*-butyl-4-benzyl phenol).

Fly spray. 112, 228P.

581-591-952-1003-1011.

Ethanol, 2-(4-isopropyl-2-phenylphenoxy)-; C<sub>6</sub>H<sub>5</sub>-C<sub>6</sub>H<sub>4</sub>(C<sub>6</sub>H<sub>7</sub>)OC<sub>2</sub>H<sub>4</sub>OH. (β-Hydroxy-ethyl ether of 2-hydroxy-5-isopropyl diphenyl).

20% T houseflies at 5%. 112, 228P.

581-591-952-1003-1011.

Ethanol, 2-(4-phenyl-2-*n*-propylphenoxy)-; C<sub>6</sub>H<sub>5</sub>-C<sub>6</sub>H<sub>4</sub>(C<sub>6</sub>H<sub>7</sub>)OC<sub>2</sub>H<sub>4</sub>OH. (β-Hydroxy-ethyl ether of 4-hydroxy-5-*n*-propyl diphenyl).

Fly spray. 112, 228P.

581-591-952-1003-1021.

1-Propanol, (2-phenyl-*p*-toloxy)-; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>4</sub>(CH<sub>3</sub>)OC<sub>3</sub>H<sub>7</sub>OH. (Hydroxy-propyl ether of 2-hydroxy-5-methyl diphenyl).

Fly spray. 112, 228P.

581-591-952-1003-1021.

1-Propanol, (4-phenyl-*o*-toloxy)-; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>3</sub>(CH<sub>3</sub>)OC<sub>3</sub>H<sub>7</sub>OH. (Hydroxy-propyl ether of 4-hydroxy-3-methyl diphenyl).

Fly spray. 112, 228P.

581-591-952-1004.

1-Propanol, (2,4-diisopropyl-6-phenylphenoxy)-; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>3</sub>(C<sub>6</sub>H<sub>7</sub>)<sub>2</sub>OC<sub>3</sub>H<sub>7</sub>OH. (Hydroxy-propyl ether of 2-hydroxy-3,5-diisopropyl diphenyl).

Fly spray. 112, 228P.

581-591-952-1004.

1-Propanol, (4-isopropyl-2-phenylphenoxy)-; C<sub>6</sub>H<sub>5</sub>-C<sub>6</sub>H<sub>4</sub>(C<sub>6</sub>H<sub>7</sub>)OC<sub>3</sub>H<sub>7</sub>OH. (Hydroxy-propyl ether of 2-hydroxy-5-isopropyl diphenyl).

25% T houseflies at 5%. 112, 228P.

581-591-952-1004.

1-Propanol, (4-phenyl-2-*n*-propylphenoxy)-; C<sub>6</sub>H<sub>5</sub>-C<sub>6</sub>H<sub>4</sub>(C<sub>6</sub>H<sub>7</sub>)OC<sub>3</sub>H<sub>7</sub>OH. (Hydroxy-propyl ether of 4-hydroxy-3-*n*-propyl diphenyl).

Fly spray. 112, 228P.

581-591-952-1004-1011.

Ethanol, 2-(3,6-diisopropyl-2-phenylphenoxy)-; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>3</sub>(CH<sub>3</sub>)<sub>2</sub>OC<sub>2</sub>H<sub>4</sub>OH. (β-Hydroxy-ethyl ether of 2-hydroxy-3,6-diisopropyl diphenyl).

Fly spray. 112, 228P.

581-591-952-1004-1011.

Ethanol, 2-[*p*-(2,4-dipropylphenyl)phenoxy]; (C<sub>6</sub>H<sub>7</sub>)<sub>2</sub>C<sub>6</sub>H<sub>3</sub>C<sub>6</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>OH. (β-Hydroxy-ethyl ether of 4-hydroxy-2', 4'-di-*n*-propyl diphenyl).

Fly spray. 112, 228P.

581-591-952-1011-1021.

Ethanol, 2-(2-phenyl-*p*-toloxy)-; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>4</sub>(CH<sub>3</sub>)OC<sub>2</sub>H<sub>4</sub>OH. (β-Hydroxy-ethyl ether of 2-hydroxy-5-methyl diphenyl).

Fly spray. 112, 228P.

581-591-952-1011-1021.

Ethanol, 2-(4-phenyl-*o*-toloxy)-; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>3</sub>(CH<sub>3</sub>)OC<sub>2</sub>H<sub>4</sub>OH. (β-Hydroxy-ethyl ether of 4-hydroxy-3-methyl diphenyl).

Fly spray. 112, 228P.

581-591-952-1011-1021.

Ethanol, 2-(6-phenyl-*o*-toloxy)-; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>3</sub>(CH<sub>3</sub>)OC<sub>2</sub>H<sub>4</sub>OH. (β-Hydroxy-ethyl ether of 2-hydroxy-3-methyl diphenyl).

Fly spray. 112, 228P.

581-591-952-1011-1022.

Ethanol, 2-(2,4-dimethyl-6-phenylphenoxy)-; C<sub>6</sub>H<sub>5</sub>-C<sub>6</sub>H<sub>3</sub>(CH<sub>3</sub>)<sub>2</sub>OC<sub>2</sub>H<sub>4</sub>OH. (β-Hydroxy-ethyl ether of

2-hydroxy-3,5-dimethyl diphenyl).

Fly spray. 112, 228P.

581-591-952-1011-1022.

Ethanol, 2-(2,6-dimethyl-4-phenylphenoxy)-; C<sub>6</sub>H<sub>5</sub>-C<sub>6</sub>H<sub>3</sub>(CH<sub>3</sub>)<sub>2</sub>OC<sub>2</sub>H<sub>4</sub>OH. (β-Hydroxy-ethyl ether of 4-hydroxy-3,5-dimethyl diphenyl).

Fly spray. 112, 228P.

581-591-952-1012.

Ethanol, 2-(2-ethyl-3-phenylphenoxy)-; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>4</sub>(C<sub>2</sub>H<sub>5</sub>)OC<sub>2</sub>H<sub>4</sub>OH. (β-Hydroxy-ethyl ether of 3-hydroxy-3-ethyl diphenyl).

Fly spray. 112, 228P.

581-591-952-1012.

Ethanol, 2-(2-ethyl-4-phenylphenoxy)-; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>4</sub>(C<sub>2</sub>H<sub>5</sub>)OC<sub>2</sub>H<sub>4</sub>OH. (β-Hydroxy-ethyl ether of 4-hydroxy-3-ethyl diphenyl).

Fly spray. 112, 228P.

581-591-952-1012.

Ethanol, 2-(2-ethyl-5-phenylphenoxy)-; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>4</sub>(C<sub>2</sub>H<sub>5</sub>)OC<sub>2</sub>H<sub>4</sub>OH. (β-Hydroxy-ethyl ether of 3-hydroxy-4-ethyl diphenyl).

Fly spray. 112, 228P.

581-591-952-1012.

Ethanol, 2-(2-ethyl-6-phenylphenoxy)-; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>4</sub>(C<sub>2</sub>H<sub>5</sub>)OC<sub>2</sub>H<sub>4</sub>OH. (β-Hydroxy-ethyl ether of 2-hydroxy-3-ethyl diphenyl).

Fly spray. 112, 228P.

581-591-952-1012.

Ethanol, 2-(3-ethyl-2-phenylphenoxy)-; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>4</sub>(C<sub>2</sub>H<sub>5</sub>)OC<sub>2</sub>H<sub>4</sub>OH. (β-Hydroxy-ethyl ether of 2-hydroxy-6-ethyl diphenyl).

Fly spray. 112, 228P.

581-591-952-1012.

Ethanol, 2-(3-ethyl-4-phenylphenoxy)-; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>4</sub>(C<sub>2</sub>H<sub>5</sub>)OC<sub>2</sub>H<sub>4</sub>OH. (β-Hydroxy-ethyl ether of 4-hydroxy-2-ethyl diphenyl).

Fly spray. 112, 228P.

581-591-952-1012.

Ethanol, 2-(3-ethyl-5-phenylphenoxy)-; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>4</sub>(C<sub>2</sub>H<sub>5</sub>)OC<sub>2</sub>H<sub>4</sub>OH. (β-Hydroxy-ethyl ether of 3-hydroxy-5-ethyl diphenyl).

Fly spray. 112, 228P.

581-591-952-1012.

Ethanol, 2-(4-ethyl-2-phenylphenoxy)-; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>4</sub>(C<sub>2</sub>H<sub>5</sub>)OC<sub>2</sub>H<sub>4</sub>OH. (β-Hydroxy-ethyl ether of 2-hydroxy-5-ethyl diphenyl).

Fly spray. 112, 228P.

581-591-952-1012.

Ethanol, 2-(4-ethyl-3-phenylphenoxy)-; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>4</sub>(C<sub>2</sub>H<sub>5</sub>)OC<sub>2</sub>H<sub>4</sub>OH. (β-Hydroxy-ethyl ether of 3-hydroxy-6-ethyl diphenyl).

Fly spray. 112, 228P.

581-591-952-1012.

Ethanol, 2-(3-ethyl-2-phenylphenoxy)-; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>4</sub>(C<sub>2</sub>H<sub>5</sub>)OC<sub>2</sub>H<sub>4</sub>OH. (β-Hydroxy-ethyl ether of 2-hydroxy-4-ethyl diphenyl).

Fly spray. 112, 228P.

581-591-952-1012.

Ethanol, 2-[*m*-(*m*-ethylphenyl)phenoxy]; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>4</sub>C<sub>6</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>OH. (β-Hydroxy-ethyl ether of 3-hydroxy-3'-ethyl diphenyl).

Fly spray. 112, 228P.

581-591-952-1012.

Ethanol, 2-[*m*-(*o*-ethylphenyl)phenoxy]; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>4</sub>C<sub>6</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>OH. (β-Hydroxy-ethyl ether of 3-hydroxy-2'-ethyl diphenyl).

Fly spray. 112, 228P.

581-591-952-1012.

Ethanol, 2-[*m*-(*p*-ethylphenyl)phenoxy]; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>4</sub>C<sub>6</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>OH. (β-Hydroxy-ethyl ether of 3-hydroxy-4'-ethyl diphenyl).

Fly spray. 112, 228P.

581-591-952-1012.

Ethanol, 2-[*o*-(*m*-ethylphenyl)phenoxy]; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>4</sub>C<sub>6</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>OH. (β-Hydroxy-ethyl ether of 2-hydroxy-3'-ethyl diphenyl).

Fly spray. 112, 228P.

581-591-952-1012.

Ethanol, 2-[*o*-(*o*-ethylphenyl)phenoxy]; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>4</sub>C<sub>6</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>OH. (β-Hydroxy-ethyl ether of 2-hydroxy-2'-ethyl diphenyl).

Fly spray. 112, 228P.

581-591-952-1012.

Ethanol, 2-[*o*-(*p*-ethylphenyl)phenoxy]; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>4</sub>C<sub>6</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>4</sub>OH. (β-Hydroxy-ethyl ether of 2-hydroxy-4'-ethyl diphenyl).

- $\text{H}_2\text{C}_6\text{H}_4\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-hydroxy-4'-ethyl diphenyl).  
Fly spray. 112, 228P.
- 581-591-952-1012.  
Ethanol, 2-[*p*-(*m*-ethylphenyl)phenoxy]-;  $\text{C}_8\text{H}_5\text{C}_6\text{H}_4\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 4-hydroxy-3'-ethyl diphenyl).  
Fly spray. 112, 228P.
- 581-591-952-1012.  
Ethanol, 2-[*p*-(*o*-ethylphenyl)phenoxy]-;  $\text{C}_8\text{H}_5\text{C}_6\text{H}_4\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 4-hydroxy-2'-ethyl diphenyl).  
Fly spray. 112, 228P.
- 581-591-952-1012.  
Ethanol, 2-[*p*-(*p*-ethylphenyl)phenoxy]-;  $\text{C}_8\text{H}_5\text{C}_6\text{H}_4\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 4-hydroxy-4'-ethyl diphenyl).  
Fly spray. 112, 228P.
- 581-591-952-1013.  
Ethanol, 2-[2-ethyl-4-(*p*-ethylphenyl)phenoxy]-;  $\text{C}_8\text{H}_5\text{C}_6\text{H}_4\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 4-hydroxy-4'-diethyl diphenyl).  
Fly spray. 112, 228P.
- 581-591-952-1014.  
Ethanol, 2-[*p*-(2,4,6-triethylphenyl)phenoxy]-;  $\text{C}_8\text{H}_5\text{C}_6\text{H}_4\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 4-hydroxy-2',4',6'-triethyl-diphenyl).  
Fly spray. 112, 228P.
- 581-591-952-1021.  
Phenol, 4-benzyloxy-;  $\text{HOC}_6\text{H}_4\text{OCH}_2\text{C}_6\text{H}_5$ . (Hydroquinone monobenzyloxy ether).  
NT *Bombyx mori* larvae. 559.
- 581-591-952-1022.  
Cresol, *o*-benzyloxy-, CU;  $\text{C}_6\text{H}_5\text{CH}_2\text{OCH}_2\text{C}_6\text{H}_4\text{OH}$ ? (Dibenzyl ethers, hydroxy-).  
T as mothproofing agent. 439P, 1179, 1453P, 1454P.
- 581-591-953-1001-1011-1021.  
Ethanol, 2-(4-benzyl-2-*tert*-butyl-6-phenylphenoxy)-;  $\text{C}_6\text{H}_5\text{CH}_2\text{C}_6\text{H}_3(\text{C}_6\text{H}_5)_2[\text{C}(\text{CH}_3)_3]\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-hydroxy-3-*tert*-butyl-6-benzyl diphenyl).  
Fly spray. 112, 228P.
- 581-591-953-1011-1021.  
Ethanol, 2-(4-benzyl-2-phenylphenoxy)-;  $\text{C}_6\text{H}_5\text{CH}_2\text{C}_6\text{H}_4\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-hydroxy-5-benzyl diphenyl).  
Fly spray. 112, 228P.
- 581-591-953-1011-1021.  
Ethanol, 2-[*m*-(*p*-benzylphenyl)phenoxy]-;  $\text{C}_6\text{H}_5\text{CH}_2\text{C}_6\text{H}_4\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 3-hydroxy-4'-benzyl diphenyl).  
Fly spray. 112, 228P.
- 581-591-953-1012.  
Ethanol, 2-(4-phenyl-2-phenylethylphenoxy)-;  $\text{C}_6\text{H}_5\text{C}_6\text{H}_4(\text{C}_6\text{H}_5)_2\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 4-hydroxy-3-phenyl ethyl diphenyl).  
Fly spray. 112, 228P.
- 581-591-954-1003-1021-1193-1325.  
Phosphonium hydride, thymoxyltriphenyl-;  $\text{HC}:\text{C}(\text{CH}_3)_2\text{CH}:\text{CHC}(\text{CH}_3)_2$ ;  $\text{COP}(\text{C}_6\text{H}_5)_3\text{OH}$ ?  
T as mothproofing agent. 441P, 1179.
- 581-591-954-1193-1325.  
Phosphonium hydride, *m*-hydroxyphenoxytriphenyl-;  $\text{HOC}_6\text{H}_4\text{OP}(\text{C}_6\text{H}_5)_3\text{OH}$ .  
T as mothproofing agent. 441P, 1179.
- 581-591-957-1003-1022.  
Ether, methyl terphenyl-;  $\text{C}_{10}\text{H}_{11}\text{OCH}_3$ . (Methyl ether of terpineol).  
T houseflies when used with pyrethrum and rotenone. 1103.
- 581-591-957-1003-1022-1027.  
Ether, aryl terphenyl, CU;  $\text{C}_{10}\text{H}_{11}\text{OR}$ . (Terpineol aliphatic ether). 1275P.
- 581-591-962-999.  
Pentanol, *o*-cyclohexylcyclohexyloxy-;  $\text{C}_6\text{H}_{11}\text{C}_6\text{H}_{10}\text{OC}_5\text{H}_{11}\text{OH}$ . (Hydroxy-pentyl ether of 2-cyclohexyl cyclohexanol).  
Fly spray. 112, 226P.
- 581-591-962-1001.  
Butanol, *o*-cyclohexylcyclohexyloxy-;  $\text{C}_6\text{H}_{11}\text{C}_6\text{H}_{10}\text{OC}_4\text{H}_9\text{OH}$ . (Hydroxy butyl ether of 2-cyclohexyl cyclohexanol).  
Fly spray. 112, 226P.
- 581-591-962-1001.  
Butanol, *p*-cyclohexylcyclohexyloxy-;  $\text{C}_6\text{H}_{11}\text{C}_6\text{H}_{10}\text{OC}_4\text{H}_9\text{OH}$ . (Hydroxy butyl ether of 4-cyclohexyl cyclohexanol).  
Fly spray. 112, 226P.
- 581-591-962-1001-1011.  
Ethanol, 2-(4-*tert*-butyl-2-cyclohexylcyclohexyloxy)-;  $\text{C}_6\text{H}_{11}\text{C}_6\text{H}_9[\text{C}(\text{CH}_3)_3]\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-cyclohexyl-4-*tert*-butyl cyclohexanol).  
Fly spray. 112, 226P.
- 581-591-962-1003.  
Propanol, *p*-cyclohexylcyclohexyloxy-;  $\text{C}_6\text{H}_{11}\text{C}_6\text{H}_{10}\text{OC}_3\text{H}_7\text{OH}$ . (Hydroxy-propyl ether of 4-cyclohexyl cyclohexanol).  
Fly spray. 112, 226P.
- 581-591-962-1011.  
Ethanol, 2-(*m*-cyclohexylcyclohexyloxy)-;  $\text{C}_6\text{H}_{11}\text{C}_6\text{H}_{10}\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 3-cyclohexyl cyclohexanol).  
Fly spray. 112, 226P.
- 581-591-962-1011.  
Ethanol, 2-(*o*-cyclohexylcyclohexyloxy)-;  $\text{C}_6\text{H}_{11}\text{C}_6\text{H}_{10}\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-cyclohexyl cyclohexanol).  
Fly spray. 112, 226P.
- 581-591-962-1011.  
Ethanol, 2-(*p*-cyclohexylcyclohexyloxy)-;  $\text{C}_6\text{H}_{11}\text{C}_6\text{H}_{10}\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 4-cyclohexyl cyclohexanol).  
Fly spray. 112, 226P.
- 581-591-962-1011-1021.  
Ethanol, 2-(*m*-methylcyclohexyl)cyclohexyloxy-;  $\text{CH}_3\text{C}_6\text{H}_{10}\text{C}_6\text{H}_{10}\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-(3-methylcyclohexyl)-cyclohexanol).  
Fly spray. 112, 226P.
- 581-591-962-1027.  
Alcohols, cyclohexylphenoxy substituted;  $\text{RO}(\text{C}_6\text{H}_{11})\text{OH}$ . (Hydroxy alkyl ethers of hydrogenated hydroxy diphenyl compounds).  
Where R represents a hydrogenated hydroxyl diphenyl residue and n is an integer greater than 1.  
Fly spray. 112, 226P.
- 581-591-962-1027.  
Bicyclohexyl, hydroxy alkoxy derivatives;  $\text{RO}(\text{C}_6\text{H}_{11})\text{OH}$ . (Hydroxy alkyl ethers of hydrogenated hydroxyl diphenyl compound).  
Fly spray. 112, 226P.
- 581-591-1012.  
Ethanol, 2-ethoxy-;  $\text{CH}_3\text{OHCH}_2\text{OC}_2\text{H}_5$  (Ethylene glycol monoethyl ether).  
NT rice weevil. 302P, 1180.
- 581-592-841-951-999-1003-1021.  
Propanol, 4-*tert*-amyl-2-bromo-6-methoxyphenoxy-;  $\text{C}_6\text{H}_5\text{C}(\text{CH}_3)_2\text{C}_6\text{H}_3(\text{Br})\text{OC}_2\text{H}_4\text{OH}$ . (Hydroxy-propyl ether of 2-methoxy-4-*tert*-amyl-6-bromo-phenol).  
Fly spray. 112, 230P.
- 581-592-841-951-1001-1011.  
Ethanol, 2-(4-bromo-2-*tert*-butyl-6-methoxyphenoxy)-;  $(\text{CH}_3)_3\text{C}(\text{Br})\text{C}_6\text{H}_3(\text{OCH}_3)\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-methoxy-4-bromo-6-*tert*-butyl phenol).  
Fly spray. 112, 230P.
- 581-592-841-952-1011-1021.  
Ethanol, 2-(4-bromo-2-methoxy-6-phenylphenoxy)-;  $\text{C}_6\text{H}_5\text{C}_6\text{H}_3(\text{Br})(\text{OCH}_3)\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-hydroxy-3-methoxy-5-bromodiphenyl).  
Fly spray. 112, 228P.
- 581-592-841-953-1012-1022.  
Ethanol, 2-(4-benzyl-2-(2-bromo-4-ethylphenyl)-6-methoxyphenoxy)-;  $\text{C}_6\text{H}_5\text{C}_6\text{H}_3(\text{Br})\text{C}_6\text{H}_4(\text{CH}_2\text{C}_6\text{H}_5)(\text{OCH}_3)\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxyethyl ether of 2-hydroxy-2'-bromo-3-methoxy-4'-ethyl-5-benzyl diphenyl).  
Fly spray. 112, 228P.
- 581-592-851-951-999-1011-1021.  
Ethanol, 2-(4-*tert*-amyl-2-chloro-6-methoxyphenoxy)-;  $\text{C}_6\text{H}_5(\text{CH}_3)_2\text{C}_6\text{H}_3(\text{Cl})(\text{OCH}_3)\text{OC}_2\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-methoxy-4-*tert*-amyl-6-chloro-phenol).  
Fly spray. 112, 230P.
- 581-592-851-951-1012.  
Phenol, 2-chloroethoxyethoxy-, CU;  $\text{HOC}_2\text{H}_4\text{OCH}_2\text{CH}_2\text{OCH}_2\text{Cl}$ . 1095P.
- 581-592-852-952-1011-1021.  
Ethanol, 2-[3-chloro-6-methoxy-2-(*p*-chlorophenyl)phenoxy]-;  $\text{ClC}_6\text{H}_4\text{C}_6\text{H}_3(\text{Cl})(\text{OCH}_3)\text{OC}_2\text{H}_4\text{OH}$ .

- ( $\beta$ -Hydroxy-ethyl ether of 2-hydroxy-3-methoxy-4'-6-dichlorodiphenyl).  
Fly spray. 112, 228P.
- 581-592-951-961-1003-1021.  
Propanol, (4-cyclohexyl-2-methoxyphenoxy)-;  $\text{C}_6\text{H}_{11}\text{C}_6\text{H}_4(\text{OCH}_3)\text{OC}_6\text{H}_4\text{OH}$ . (Hydroxy-propyl ether of 2-methoxy-4-cyclohexyl phenol).  
Fly spray. 112, 226P.
- 581-592-951-961-1011-1021.  
Ethanol, 2-(2-cyclohexyl-6-methoxyphenoxy)-;  $\text{C}_6\text{H}_{11}\text{C}_6\text{H}_4(\text{OCH}_3)\text{OC}_6\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-cyclohexyl-6-methoxy phenol).  
Fly spray. 112, 226P.
- 581-592-951-961-1012.  
Ethanol, 2-(4-cyclohexyl-2-ethoxyphenoxy)-;  $\text{C}_6\text{H}_{11}\text{C}_6\text{H}_4(\text{OC}_2\text{H}_5)\text{OC}_6\text{H}_4\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-ethoxy-4-cyclohexyl phenol).  
Fly spray. 112, 226P.
- 581-592-951-993-1011-1021.  
Ethanol, 2-(3-methoxy-4-*tert*-octylphenoxy)-;  $\text{C}_6\text{H}_{11}\text{C}_6\text{H}_4(\text{OCH}_3)\text{OC}_8\text{H}_{17}\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 3-methoxy-4-*tert*-octyl phenol).  
Fly spray. 112, 230P.
- 581-592-951-999-1001-1003.  
Butanol, (2-*tert*-amyl-4-propoxyphenoxy)-;  $\text{C}_8\text{H}_{17}\text{OC}_6\text{H}_4[\text{C}(\text{CH}_3)(\text{C}_6\text{H}_5)]\text{OC}_4\text{H}_9\text{OH}$ . (Hydroxy-butyl ether of 2-*tert*-amyl-4-propyloxy phenol).  
Fly spray. 112, 230P.
- 581-592-951-999-1003-1011.  
Ethanol, 2-(4-*tert*-butyl-2-*n*-propoxyphenoxy)-;  $\text{C}_6\text{H}_5\text{C}(\text{CH}_3)_2\text{C}_6\text{H}_4(\text{OC}_3\text{H}_7)\text{OC}_3\text{H}_7\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-*n*-propyloxy-4-*tert*-amyl phenol).  
Fly spray. 112, 230P.
- 581-592-951-1001-1003-1021.  
Propanol, (4-*tert*-butyl-3-methoxyphenoxy)-;  $(\text{CH}_3)_2\text{CC}_6\text{H}_4(\text{OCH}_3)\text{OC}_3\text{H}_7\text{OH}$ . Hydroxy-propyl ether of 3-methoxy-4-*tert*-butyl phenol).  
Fly spray. 112, 230P.
- 581-592-951-1001-1011-1021.  
Ethanol, 2-(4-*tert*-butyl-2-methoxyphenoxy)-;  $\text{C}_6\text{H}_5\text{C}_6\text{H}_4(\text{OCH}_3)\text{OC}_3\text{H}_7\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-methoxy-4-*tert*-butyl phenol).  
Fly spray. 112, 230P.
- 581-592-951-1001-1011-1021-1030.  
Ethanol, 2-eugenyl-?  $\text{HOC}_6\text{H}_4\text{OC}_6\text{H}_4(\text{CH}_3)\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_3$ . (Ethylene glycol monoeneugyl ether). 591P.
- 581-592-951-1001-1011-1022.  
Ethanol, 2-(4-*tert*-butyl-2-methoxy-6-methyl-phenoxy)-;  $(\text{CH}_3)_2\text{CC}_6\text{H}_4(\text{CH}_3)(\text{OCH}_3)\text{OC}_3\text{H}_7\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-methoxy-4-*tert*-butyl-6-methyl phenol).  
Fly spray. 112, 230P.
- 581-592-951-1001-1012.  
Ethanol, 2-(2-acetyl-4-*tert*-butylphenoxy)-;  $(\text{CH}_3)_3\text{CC}_6\text{H}_4(\text{COCH}_3)\text{OC}_3\text{H}_7\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-acetyl-4-*tert*-butylphenol).  
Fly spray. 112, 230P.
- 581-592-951-1012.  
Diethylene glycol monophenyl ether:  $\text{HOCH}_2\text{CH}_2\text{OCH}_2\text{CH}_2\text{OC}_6\text{H}_5$ . 591P.
- 581-592-951-1012-1021.  
Diethylene glycol monobenzyl ether:  $\text{HOCH}_2\text{CH}_2\text{OCH}_2\text{CH}_2\text{OC}_6\text{H}_5$ . 591P.
- 581-592-952-999.  
Pentanol, *p*-(*p*-methoxyphenyl)phenoxy-;  $\text{CH}_3\text{OC}_6\text{H}_4\text{C}_6\text{H}_4\text{OC}_5\text{H}_{11}\text{OH}$ . (Hydroxy-pentyl ether of 4-hydroxy-4'-methoxy diphenyl).  
Fly spray. 112, 228P.
- 581-592-952-1001-1011.  
Ethanol, 2-(4-(*p*-butoxyphenyl) phenoxy)-;  $\text{C}_6\text{H}_5\text{OC}_6\text{H}_4\text{C}_6\text{H}_4\text{OC}_4\text{H}_9\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 4-hydroxy-4'-butoxy diphenyl).  
Fly spray. 112, 228P.
- 581-592-952-1001-1011-1021.  
Ethanol, 2-(4-*tert*-butyl-2-methoxy-3-phenylphenoxy)-;  $\text{C}_6\text{H}_5\text{C}_6\text{H}_4(\text{OCH}_3)(\text{C}_6\text{H}_5)\text{OC}_3\text{H}_7\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 3-hydroxy-2-methoxy-6-*tert*-butyl diphenyl).  
Fly spray. 112, 228P.
- 581-592-952-1001-1011-1022.  
Ethanol, 2-(2-benzyl-4-*tert*-butyl-6-methoxyphenoxy)-;  $(\text{CH}_3)_3\text{CC}_6\text{H}_4\text{OC}_6\text{H}_4(\text{CH}_3\text{C}_6\text{H}_5)(\text{OCH}_3)\text{OC}_3\text{H}_7\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-methoxy-4-*tert*-butyl-6-benzyl phenol).  
Fly spray. 112, 228P.
- 581-592-952-1001-1021.  
Fly spray. 112, 230P.
- 581-592-952-1001-1021.  
Butanol, (2-methoxy-5-phenylphenoxy)-;  $\text{C}_6\text{H}_5\text{C}_6\text{H}_4(\text{OCH}_3)\text{OC}_4\text{H}_9\text{OH}$ . (Hydroxy butyl ether of 3-hydroxy-4-methoxy diphenyl).  
Fly spray. 112, 228P.
- 581-592-952-1003-1021.  
Propanol, (2-methoxy-4-phenylphenoxy)-;  $\text{C}_6\text{H}_5\text{C}_6\text{H}_4(\text{OCH}_3)\text{OC}_3\text{H}_7\text{OH}$ . (Hydroxy-propyl ether of 4-hydroxy-5-methoxy diphenyl).  
Fly spray. 112, 228P.
- 581-592-952-1012.  
Ethanol, 2-(5-ethoxy-2-phenylphenoxy)-;  $\text{C}_6\text{H}_5\text{C}_6\text{H}_4(\text{OC}_2\text{H}_5)\text{OC}_3\text{H}_7\text{OH}$ . ( $\beta$ -Hydroxy-ethyl ether of 2-hydroxy-4-ethoxy diphenyl).  
Fly spray. 112, 228P.
- 581-592-1013.  
Ethanol, 2-(2-ethoxyethoxy)-;  $\text{C}_2\text{H}_5\text{OCH}_2\text{CH}_2\text{OCH}_2\text{CH}_2\text{OH}$ . (Diethylene glycol monoethyl ether; "Carbitol").  
T *Simulidae* spp. 589P.
- 581-620-050.  
Xanthidrol;  $(\text{C}_8\text{H}_8\text{O})\text{OH}$ .  
HT codling moth larvae. 487, 1120, 1323P.
- 581-625-1021.  
Furfuryl alcohol;  $(\text{C}_5\text{H}_6\text{O})\text{CH}_2\text{OH}$ .  
ST *Aphis rumicis*. 1152.
- 581-632-851-961.  
Cyclohexanol, 2-chloro-1,2-epoxy-?  $\text{Cl}(\text{C}_6\text{H}_9\text{O})\text{OH}$ . (1-Chloro-2-hydroxycyclohexane oxide).  
T parasites. 280P.
- 581-632-851-961-1021.  
Cyclohexanol, 2-chloro-1,2-epoxy-5-methyl-;  $\text{Cl}(\text{C}_7\text{H}_9\text{O})(\text{CH}_3)\text{OH}$ . (1-Chloro-2-hydroxy-4-methyl-cyclohexane oxide).  
T parasites. 280P.
- 581-632-851-968.  
Cyclopentanol, 2-chloro-1,2-epoxy-;  $\text{Cl}(\text{C}_6\text{H}_9\text{O})\text{OH}$ . (1-Chloro-2-hydroxycyclopentane oxide). 280P.
- 581-665-841-924-951.  
1-Naphthol, 5,6,7,8-tetrahydro-4-(*p*-bromophenylazo)-;  $\text{C}_{10}\text{H}_{11}\text{N}:\text{NC}_6\text{H}_4\text{Br}$ .  
MT mosquito larvae. 487, 488.
- 581-665-841-952.  
Phenol, 4-(*p*-bromophenylazo)-;  $\text{BrC}_6\text{H}_4\text{N}:\text{NC}_6\text{H}_4\text{OH}$ . (4-Hydroxy-4'-bromo azobenzene).  
HT mosquito larvae; ST greenhouse red spider at 2%; NT southern army worm at 4%. 487, 488, 1438P, 1451.
- 581-665-841-952-1021.  
*m*-Cresol, 4-(*p*-bromophenylazo)-;  $\text{HO}(\text{CH}_3)\text{C}_6\text{H}_4\text{N}:\text{NC}_6\text{H}_4\text{Br}$ .  
HT mosquito larvae. 156, 487, 488, 1441P.
- 581-665-841-952-1021.  
*o*-Cresol, 4-(*p*-bromophenylazo)-;  $\text{HO}(\text{CH}_3)\text{C}_6\text{H}_4\text{N}:\text{NC}_6\text{H}_4\text{Br}$ .  
MT mosquito larvae. 487, 1441P.
- 581-665-852-924-951.  
2-Naphthol, 1-(2,5-dichlorophenylazo)-;  $\text{Cl}_2\text{C}_6\text{H}_3\text{N}:\text{NC}_{10}\text{H}_7\text{OH}$ .  
NT mosquito larvae. 487.
- 581-665-852-952.  
Phenol, 4-(2,5-dichlorophenylazo)-;  $\text{OHC}_6\text{H}_4\text{N}:\text{NC}_6\text{H}_3\text{Cl}_2$ .  
T mosquito larvae. 156, 487, 488, 1438P.
- 581-665-852-952-961.  
Phenol, 2-cyclohexyl-4-(2,5-dichlorophenylazo)-;  $\text{Cl}_2\text{C}_6\text{H}_3\text{N}:\text{NC}_6\text{H}_4(\text{OH})\text{C}_6\text{H}_{11}$ .  
MT mosquito larvae. 487, 488.
- 581-665-852-952-1003-1021.  
Carvacrol, 4-(2,5-dichlorophenylazo)-;  $\text{CH}_3(\text{C}_7\text{H}_7)\text{C}_6\text{H}_4(\text{OH})\text{N}:\text{NC}_6\text{H}_3\text{Cl}_2$ .  
NT mosquito larvae. 487.
- 581-665-852-992-1003-1021.  
Thymol, 6-chloro-2-(2,5-dichlorophenylazo)-;  $\text{CH}_3(\text{C}_7)\text{C}_6\text{H}(\text{OH})(\text{CH}(\text{CH}_3)_2)\text{N}:\text{NC}_6\text{H}_3\text{Cl}_2$ .  
NT mosquito larvae. 487.
- 581-665-852-952-1003-1021.  
Thymol, 4-(2,5-dichlorophenylazo)-;  $\text{CH}_3\text{C}_6\text{H}_4(\text{OH})(\text{CH}(\text{CH}_3)_2)\text{N}:\text{NC}_6\text{H}_3\text{Cl}_2$ .  
NT mosquito larvae. 487.
- 581-665-852-952-1021.  
*m*-Cresol, 4-(2,5-dichlorophenylazo)-;

- $\text{CH}_3\text{C}_6\text{H}_4(\text{OH})\text{N}:\text{NC}_6\text{H}_4\text{Cl}_2$ .  
 MT mosquito larvae. 487, 488.  
 581-665-952-952-1021.  
*o*-Cresol, 4-(2,5-dichlorophenylazo)-;  
 $\text{CH}_3\text{C}_6\text{H}_4(\text{OH})\text{N}:\text{NC}_6\text{H}_4\text{Cl}_2$ .  
 HT mosquito larvae. 487, 488, 1441P.  
 581-665-952-952-1021.  
*p*-Cresol, 2-(2,5-dichlorophenylazo)-;  
 $\text{CH}_3\text{C}_6\text{H}_4(\text{OH})\text{N}:\text{NC}_6\text{H}_4\text{Cl}_2$ .  
 NT mosquito larvae. 487.  
 581-665-952-952-1022.  
 2,5-Xylenol, 4-(2,5-dichlorophenylazo)-;  
 $(\text{CH}_3)_2\text{C}_6\text{H}_3(\text{OH})\text{N}:\text{NC}_6\text{H}_4\text{Cl}_2$ .  
 MT mosquito larvae. 487, 488, 1285.  
 581-665-952-952-1022.  
 2,6-Xylenol, 4-(2,5-dichlorophenylazo)-;  
 $(\text{CH}_3)_2\text{C}_6\text{H}_3(\text{OH})\text{N}:\text{NC}_6\text{H}_4\text{Cl}_2$ .  
 NT mosquito larvae. 487.  
 581-665-953-952-1021.  
*m*-Cresol, 4-chloro-6-(2,5-dichlorophenylazo)-;  
 $\text{CH}_3\text{C}_6\text{H}_4(\text{OH})(\text{Cl})\text{N}:\text{NC}_6\text{H}_4\text{Cl}_2$ .  
 NT mosquito larvae. 487.  
 581-665-971-952-1021.  
*o*-Cresol, 4-(*p*-iodophenylazo)-;  
 $\text{CH}_3\text{C}_6\text{H}_4(\text{OH})\text{N}:\text{NC}_6\text{H}_4\text{I}$ .  
 HT mosquito larvae. 110, 487, 488, 1441P.  
 581-665-924.  
 1-Naphthol, 4-(1-naphthylazo)-;  
 $\text{HOC}_{10}\text{H}_7\text{N}:\text{NC}_{10}\text{H}_7$ .  
 NT mosquito larvae. 487.  
 581-665-924.  
 1-Naphthol, 4-(2-naphthylazo)-;  
 $\text{HOC}_{10}\text{H}_7\text{N}:\text{NC}_{10}\text{H}_7$ . 1436P.  
 581-665-924.  
 2-Naphthol, 1-(1-naphthylazo)-;  
 $\text{HOC}_{10}\text{H}_7\text{N}:\text{NC}_{10}\text{H}_7$ .  
 NT mosquito larvae. 487.  
 581-665-924-951.  
 1-Naphthol, 4-phenylazo-;  
 $\text{C}_6\text{H}_5\text{N}:\text{NC}_{10}\text{H}_7\text{OH}$ . 1436P.  
 581-665-924-951.  
 2-Naphthol, 1-phenylazo-;  $\text{C}_6\text{H}_5\text{N}:\text{NC}_{10}\text{H}_7\text{OH}$ .  
 ST greenhouse red spider; NT mosquito larvae  
 and NT southern army worm at 4%. 487, 1481.  
 581-665-924-951.  
 Naphthol, phenylazo-, CU; RN: NR<sup>1</sup>(OH).  
 The general formula above where R and R<sup>1</sup> denote  
 interchangeable homocyclic aryl nuclei, R being a  
 single benzene ring and R<sup>1</sup> a naphthyl nucleus. 1436P.  
 581-665-924-951.  
 Phenol, (1-naphthylazo)-;  $\text{C}_{10}\text{H}_7\text{N}:\text{NC}_6\text{H}_4\text{OH}$ .  
 1436P.  
 581-665-924-951-1021.  
 1-Naphthol, 4-(*o*-tolylazo)-;  $\text{CH}_3\text{C}_6\text{H}_4\text{N}:\text{NC}_{10}\text{H}_7\text{OH}$ .  
 1435P.  
 581-665-924-951-1021.  
 2-Naphthol, 1-(*o*-tolylazo)-;  $\text{HOC}_{10}\text{H}_7\text{N}:\text{NC}_6\text{H}_4\text{OH}$ .  
 CH<sub>3</sub>.  
 NT corn borer. 1120, 1435P.  
 581-665-924-951-1022.  
 2-Naphthol, 1-[4-(*m*-xylyl)-azo]-;  
 $(\text{CH}_3)_2\text{C}_6\text{H}_3\text{N}:\text{NC}_{10}\text{H}_7\text{OH}$ .  
 NT mosquito larvae. 487.  
 581-665-924-951-1022.  
 2-Naphthol, 1-xylylazo-, CU;  $(\text{CH}_3)_2\text{C}_6\text{H}_3\text{N}:\text{NC}_{10}\text{H}_7\text{OH}$ .  
 NT corn borer. 1120.  
 581-665-924-952.  
 2-Naphthol, 1-[*p*-(phenylazo)-phenylazo]-;  
 $\text{C}_6\text{H}_5\text{N}:\text{NC}_6\text{H}_4\text{N}:\text{NC}_{10}\text{H}_7\text{OH}$ . (Sundan III).  
 NT corn borer, screwworms, and mosquito larvae.  
 156, 487, 1120.  
 581-665-924-952-1022.  
 2-Naphthol, 1-[4-(*o*-tolylazo)-2-tolylazo]-;  
 $\text{CH}_3\text{C}_6\text{H}_4\text{N}:\text{NC}_6\text{H}_4(\text{CH}_3)\text{N}:\text{NC}_{10}\text{H}_7\text{OH}$ .  
 NT mosquito larvae. 487.  
 581-665-924-952-1024.  
 2-Naphthol, 1-xylylasoxyazo-;  
 $(\text{CH}_3)_2\text{C}_6\text{H}_3\text{N}:(\text{CH}_3)_2\text{C}_6\text{H}_3\text{N}:\text{NC}_{10}\text{H}_7(\text{OH})$ .  
 NT corn borer. 1120.  
 581-665-952.  
 Phenol, *p*-phenylazo-;  $\text{C}_6\text{H}_5\text{N}:\text{NC}_6\text{H}_4\text{OH}$ .  
 (*p*-Hydroxyazobenzene).  
 T codling moth, mosquito larvae, and T screw-  
 worms at 0.67%; ST greenhouse red spider;  
 NT *Bombyx mori* larvae and southern army worm.  
 156, 488, 589, 915, 1481.  
 581-665-952-1021.  
*m*-Cresol, 4-phenylazo-;  $\text{C}_6\text{H}_5\text{N}:\text{NC}_6\text{H}_4(\text{CH}_3)\text{OH}$ .  
 HT mosquito larvae; ST greenhouse red spider at  
 2%. 487, 488, 1481.  
 581-665-952-1021.  
*o*-Cresol, 4-phenylazo-;  $\text{C}_6\text{H}_5\text{N}:\text{NC}_6\text{H}_4(\text{CH}_3)\text{OH}$ .  
 HT mosquito larvae; ST southern army worm at  
 4% and ST greenhouse red spider at 2%. 487,  
 1481.  
 581-665-952-1021.  
*m*-Cresol, phenylazo-, CU;  $\text{C}_6\text{H}_5\text{N}:\text{NC}_6\text{H}_4(\text{CH}_3)\text{OH}$ .  
 (Benzeneazo-*m*-cresol).  
 HT screwworms at 0.10-0.17%. 156.  
 581-665-952-1021.  
*p*-Cresol, phenylazo-, CU;  $\text{C}_6\text{H}_5\text{N}:\text{NC}_6\text{H}_4(\text{CH}_3)\text{OH}$ .  
 (Benzeneazo-*o*-cresol).  
 T mosquito larvae and T screwworms at 0.33-0.67%;  
 MT codling moth. 156, 488, 915.  
 581-665-953.  
 Phenol, 2,4-bis(phenylazo)-;  $\text{HOC}_6\text{H}_3(\text{N}:\text{NC}_6\text{H}_5)_2$ .  
 (2,4-Bis benzene azo phenol).  
 NT southern army worm at 4%. 1481.  
 581-665-975-1027.  
 Alkylazohydroxy compounds, CU.  
 Compounds containing homocyclic nuclei joined by  
 one azo group, and containing in addition to not less  
 than one hydroxyl group, not less than one alkyl  
 group. 1441P.  
 581-671-951.  
 Phenol, *m*-amino-;  $\text{NH}_2\text{C}_6\text{H}_4\text{OH}$ . (*m*-Hydroxyani-  
 line).  
 T codling moth and T screwworms at 0.33-0.67%.  
 156, 915.  
 581-671-951.  
 Phenol, *o*-amino-;  $\text{NH}_2\text{C}_6\text{H}_4\text{OH}$ . (*o*-Hydroxyaniline).  
 T Japanese beetle; ST screwworms at 0.67%.  
 156, 494.  
 581-671-951.  
 Phenol, *p*-amino-;  $\text{NH}_2\text{C}_6\text{H}_4\text{OH}$ . (*p*-Hydroxyaniline).  
 T screwworms; *MT* *Carposcopa pomonella* larvae;  
 NT *Melanoplus m. mexicanus*. 156, 915, 1150, 1291.  
 581-671-951-1291.  
 Phenol, *p*-amino-, hydrochloride;  $\text{OHC}_6\text{H}_4\text{NH}_2\text{HCl}$ .  
 T screwworms at 0.17-0.33%. 156.  
 581-671-987.  
 Tridecanol, 3-aminomethyl-;  $\text{CH}_3(\text{CH}_2)_3\text{CH}(\text{CH}_2)_9\text{NH}_2$ .  
 (Amine 2-hydroxyethyl- dodecyl).  
 T houseflies. 1278.  
 581-671-1011.  
 Ethanol, 1-amino-?  $\text{CH}_3\text{CH}(\text{NH}_2)\text{OH}$ . (Aldehyde  
 ammonia).  
 ST *Aphis rumicis*. 1152.  
 581-673-953-1021.  
 Pararosaniline;  $\text{HOC}(\text{C}_6\text{H}_4\text{NH}_2)_2$ . (Tris(*p*-amino-  
 phenyl)carbinol; 4,4',4''-tri-aminotriphenyl-carbinol).  
 NT mosquito larvae. 487.  
 581-673-953-1022-1291.  
 Fuchsine. (Mixture of rosaniline and pararosaniline  
 hydrochlorides). (Amethyst; aniline red; azaleih;  
 cerise; chestnut; erythrobenzine; fuchsiacine; fuch-  
 sianite; garnet; geranium; grenaldine; harnaline;  
 magenta; magenta crystals; magenta red; magenta  
 roseine; maroon; ponceau; roseine; rubeanite; rube-  
 sine; rubianin; rubine; Russian red; salferino).  
 T *Lucilia cuprina* larvae; NT clothes moths.  
 849, 974, 1176.  
 581-673-953-1022-1291.  
 Rosaniline hydrochloride;  $\text{C}_6\text{H}_5\text{N}_2\text{HCl}$ .  
 NT codling moth. 915.  
 581-681-800-952.  
 Phenol, *p*-anilino-, sulfurized. (Sulfurized *p*-hydroxy-  
 diphenylamine).  
 NT adult Mexican bean beetle. 606, 1432.  
 581-681-800-952-1021.  
*m*-Cresol, *p*-anilino-, sulfurized. (Sulfurized *o*-met-  
 hyl *p*-hydroxy-diphenylamine).  
 NT adult Mexican bean beetle. 606, 1432.  
 581-681-800-952-1021.  
 Phenol, 4-(*p*-toluino)-, sulfurized. (Sulfurized  
*p*-methyl *p*-hydroxy-diphenylamine).  
 ST adult Mexican bean beetle. 606, 1432.  
 581-681-952-1001-1030.  
 Phenol, 4-anilino-2-isobutenyl-?

- $\text{HOC}_6\text{H}_4(\text{CH}_2\text{C}(\text{CH}_3)_2\text{CH}_2)\text{NHC}_6\text{H}_5$ ? (2-Methylallyl 4-anilino phenol). 1082P.
- 581-681-952-1003-1030.  
Phenol, 2-allyl-4-anilino-;  $\text{CH}_2=\text{CHCH}_2\text{C}_6\text{H}_4(\text{OH})-\text{NHC}_6\text{H}_5$ . 1082P.
- 581-681-952-1021.  
Phenol, *p*-benzylamino-;  $\text{OHC}_6\text{H}_4\text{NHC}_6\text{H}_5$ ? Monobenzyl *p*-amino phenol).  
NT *Bombyx mori* larvae. 561.
- 581-681-961-1011.  
Ethanol, 2-cyclohexylamino-;  $\text{HOCH}_2\text{CH}_2\text{NHC}_6\text{H}_{11}$ ? Cyclohexylethanolamine. 377P.
- 581-691-951-961-1011-1021.  
Ethanol, 2-benzylamino-*N*-cyclohexyl-;  $\text{C}_6\text{H}_{11}\text{N}(\text{CH}_2\text{C}_6\text{H}_5)\text{CH}_2\text{C}_6\text{H}_5\text{OH}$ . (Cyclohexylamine, *N*-benzyl-*N*-hydroxyethyl-; *N*-ethylol-*N*-benzyl-cyclohexylamine).  
Fly spray. 112, 1015P.
- 581-691-951-1012.  
Phenol, *m*-diethylamino-;  $(\text{CH}_3)_2\text{NC}_6\text{H}_4\text{OH}$ . (*m*-Hydroxydiethyl aniline).  
T as mothproofing agent. 404P, 870P, 1175.
- 581-691-1011-1022.  
Ethanol, 2-dimethylamino-;  $(\text{CH}_3)_2\text{NCH}_2\text{CH}_2\text{OH}$ . ( $\beta$ -Dimethylamine ethyl alcohol).  
NT rice weevil. 1180.
- 581-692-952-1025.  
Benzhydrol, *p,p'*-bis(dimethylamino)-;  $\text{HOCH}(\text{C}_6\text{H}_4\text{N}(\text{CH}_3)_2)_2$ . (Tetramethyl diamino benzhydrol; Michler's hydrol; tetramethyl 4,4'-diaminobenzhydrol).  
NT *Bombyx mori* and codling moth larvae. 559, 561, 915.
- 581-696-730-841-851-952-1023-1291.  
Piperidinium chloride, 1-benzyl-1-(2-bromo-3-chloro-6-hydroxy-5-methylbenzyl)-;  $(\text{C}_6\text{H}_5\text{N})(\text{Cl})(\text{C}_6\text{H}_3\text{CH}_3\text{CH}_2\text{CH}(\text{Br})(\text{Cl})(\text{CH}_2)_2\text{OH})$ . (5-Bromo-2-methyl-4-chloro-1-hydroxy-dibenzylpiperidinium chloride).  
Used to mothproof wool. 678P.
- 581-696-851-952-1024-1291.  
Ammonium chloride, benzyl dimethyl(2-hydroxy-5-chlorobenzyl)-;  $(\text{CH}_3)_2\text{N}(\text{Cl})(\text{CH}_2\text{C}_6\text{H}_4\text{CH}_2\text{CH}(\text{Cl})\text{OH})$ .  
Used to mothproof wool. 678P.
- 581-696-854-952-1012-1022-1291.  
Ammonium chloride, (3,4-dichlorobenzyl)(dichlorohydroxybenzyl) dimethyl-, CU;  $(\text{Cl}_2\text{C}_6\text{H}_3\text{CH}_2)-[\text{Cl}_2\text{C}_6\text{H}_3(\text{OH})(\text{CH}_2)_2(\text{CH}_2)_2\text{NCl}](4,6,3',4')\text{-Tetrachloro-1-hydroxy-dibenzyl-diethyl ammonium chloride}$ .  
Used to mothproof wool. 678P.
- 581-696-1011-1023-1291.  
Choline hydrochloride;  $\text{HOCH}_2\text{CH}_2\text{N}(\text{CH}_3)_2\text{OH}\cdot\text{HCl}$ .  
T *Aphis rumicis*. 1152.
- 581-700-781-952-1011-1291.  
Phenol, *p*-(2-imino-2-phenylthioethyl)-;  $\text{HOC}_6\text{H}_4\text{CH}_2\text{C}(\text{NHRC}_6\text{H}_5)\text{SC}_6\text{H}_5$ . (*p*-Hydroxyphenylacetimido-thiophenylether hydrochloride).  
MT mosquito larvae. 172, 1178.
- 581-701-853-1003.  
Propionitrile,  $\alpha$ -hydroxy- $\beta$ -trichloro-?  $\text{Cl}_3\text{CCH}(\text{OH})\text{CN}$ . (Chloral cyanohydrin).  
NT rice weevil. 1180.
- 581-720-730-950-1011-1021-1030.  
Cinchonine;  $\text{C}_{19}\text{H}_{22}\text{N}_2\text{O}$ .  
HT screwworms at 0.01-0.03%; T codling moth and silkworm larvae, and as mothproofing agent; ST *Culex quinquefasciatus* larvae. 156, 157, 561, 744P, 915.
- 581-720-730-950-1011-1021-1030.  
Cinchonidine;  $\text{C}_{19}\text{H}_{22}\text{N}_2\text{O}$ . (Stereoisomer of cinchonine).  
T as mothproofing agent; ST silkworm. 561, 740P, 744P, 985, 1176.
- 581-720-730-950-1011-1021-1030-1291.  
Cinchonine hydrochloride;  $\text{C}_{19}\text{H}_{22}\text{N}_2\text{O}\cdot\text{HCl}$ .  
HT screwworms; T as mothproofing agent; NT silkworms. 156, 561, 739, 1176, 1472P.
- 581-720-730-950-1011-1021-1030-1291.  
Cinchonidine hydrochloride;  $\text{C}_{19}\text{H}_{22}\text{N}_2\text{O}\cdot\text{HCl}$ .  
T as mothproofing agent. 739, 1176.
- 581-720-730-950-1011-1021-1030-1312.  
Cinchonine hydrofluoride;  $\text{C}_{19}\text{H}_{22}\text{N}_2\text{O}\cdot\text{HF}$ .  
T as mothproofing agent. 739, 1176.
- 581-720-730-950-1011-1021-1030-1339.  
Cinchonine sulfate;  $(\text{C}_{19}\text{H}_{22}\text{N}_2\text{O})_2\text{H}_2\text{SO}_4$ .  
HT screwworms; T *Aphis rumicis* and as mothproofing agent; NT silkworms. 156, 561, 739, 1152, 1176.
- 581-720-730-950-1011-1021-1030-1389.  
Cinchonidine sulfate;  $(\text{C}_{19}\text{H}_{22}\text{N}_2\text{O})_2\text{H}_2\text{SO}_4$ .  
T *Aphis rumicis* and as mothproofing agent. 739, 1152, 1176.
- 581-720-1021.  
Lupinine;  $\text{C}_{10}\text{H}_{16}\text{NO}$ .  
This commercial product was obtained from a Russian weed, *Anabasis Aphylla* L.  
T mosquito larvae. 171, 172.
- 581-730.  
2-Pyridol;  $\text{HO}(\text{C}_5\text{H}_4\text{N})$ . ( $\beta$ -Hydroxypyridine).  
T *Aphis rumicis*. 1153.
- 581-730-950.  
Carbostyryl;  $\text{HO}(\text{C}_6\text{H}_4\text{N})$ . (2-Hydroxyquinoline).  
T screwworms, *Phormia regina*, *Cochliomyia macellaria*, and *Lucilia sericata*; NT silkworms. 156, 559, 806.
- 581-730-950.  
8-Quinolol;  $\text{HO}(\text{C}_8\text{H}_6\text{N})$ . (8-Hydroxy quinoline).  
T codling moth and screwworms; MT mosquito larvae; NT *Tineola bisselliella*, *Attageus piceus*, and *Bombyx mori* larvae. 156, 559, 561, 739, 915, 1176.
- 581-730-950-1389.  
Quinocol;  $\text{HOC}_6\text{H}_4\text{N}\cdot\text{H}_2\text{SO}_4$ . (8-Hydroxyquinoline sulfate).  
T screwworms at 0.17-0.33%. 156.
- 581-730-1003.  
Pyridol, dimethyl-, CU;  $\text{C}_5\text{H}_4\text{N}(\text{CH}(\text{CH}_3)_2\text{OH})$ . (Dimethyl- $\beta$ -pyridyl carbinol).  
ST *Aphis rumicis*. 1151.
- 581-740-951-1021.  
Phenol, *p*-( $\alpha$ -*N*-methylpyrrolidyl)-;  $\text{HOC}_6\text{H}_4(\text{C}_4\text{H}_8\text{N})\text{CH}_3$ . [ $\alpha$ -(*p*-Hydroxyphenyl)-(*N*-methylpyrrolidine)].  
NT *Aphis rumicis*. 261.
- 581-781-882-975.  
Sulphides, bis(halogenohydroxyaryl)-;  $\text{S}(\text{R}(\text{OH})\text{X})_2$ . 383P, 1178.
- 581-782-952.  
Disulphide, bis(2-hydroxyphenyl)-;  $(-\text{SC}_6\text{H}_4\text{OH})_2$ . 383P, 1178.
- 581-783-975.  
Polysulphide, bis-(hydroxyaryl)-;  $\text{S}_x(\text{ROH})_2$ .  
T as mothproofing agent. 383P, 1175.
- 581-820-950.  
Xanthidol, thio-;  $(\text{C}_{12}\text{H}_8\text{S})\text{OH}$ .  
MT codling moth and mosquito larvae. 487, 1291.
- 581-834-1021.  
Thiurane, 2-hydroxymethyl-;  $(\text{C}_2\text{H}_5\text{S})\text{CH}_2\text{OH}$ . (Oxypropylene sulfide).  
Fly spray. 112, 1389P.
- 581-841-912.  
9-Fluoreno, 2-bromo-;  $\text{Br}(\text{C}_{12}\text{H}_9)\text{OH}$ .  
NT as mothproofing agent. 239.
- 581-841-924.  
2-Naphthol, bromo-, CU;  $\text{Br}(\text{C}_{10}\text{H}_7)\text{OH}$ . (Bromo- $\beta$ -naphthol).  
NT codling moth. 930.
- 581-841-951.  
Phenol, *p*-bromo-;  $\text{BrC}_6\text{H}_4\text{OH}$ .  
HT codling moth larvae; T as mothproofing agent. 398P, 402P, 415P, 469P, 1175, 1176, 1291, 1465P.
- 581-841-952.  
Phenol, 2-bromo-4-phenyl-;  $\text{C}_{12}\text{H}_9\text{BrO}$ .  
HT mosquito larvae. 487.
- 581-841-1003.  
1-Propanol, 3-bromo-?  $\text{BrCH}_2\text{CH}_2\text{CH}_2\text{OH}$ ? (Propylene bromohydrin).  
NT *Chrysomelidae aurantii*. 268.
- 581-841-1011.  
Ethanol, 2-bromo-;  $\text{CH}_2\text{BrCH}_2\text{OH}$ . (Ethylene bromohydrin).  
HT rice weevil. 1180.
- 581-842-824.  
1-Naphthol, 2,4-dibromo-;  $\text{Br}_2\text{C}_{10}\text{H}_7\text{OH}$ . (2,4-Dibromo- $\alpha$ -naphthol).

- NT screwworms. 156.  
581-842-924.  
2-Naphthol, dibromo-, CU;  $\text{Br}_2\text{C}_{10}\text{H}_7\text{OH}$ .  
T as mothproofing agent. 870P, 1175.  
581-842-951.  
Phenol, 2,5-dibromo-,  $\text{Br}_2\text{C}_6\text{H}_3\text{OH}$ .  
T as mothproofing agent. 409P, 1175.  
581-842-951-1021.  
o-Cresol, 2,5-dibromo-,  $\text{Br}_2\text{C}_6\text{H}_3(\text{CH}_3)\text{OH}$ .  
MT *Culex quinquefasciatus*. 157.  
581-842-951-1021.  
o-Cresol, 4,6-dibromo-,  $\text{Br}_2\text{C}_6\text{H}_3(\text{CH}_3)\text{OH}$ .  
NT as mothproofing agent. 239.  
581-842-952-1021.  
o-Cresol, 2,4-dibromo- $\alpha$ -phenyl-,  
 $\text{CH}_2(\text{C}_6\text{H}_5)\text{C}_6\text{H}_3(\text{Br})_2\text{OH}$ . (Methane, 2-hydroxy-  
3,5-dibromo-diphenyl).  
T as mothproofing agent. 415P, 418P, 455P, 1175,  
1179.  
581-843-951.  
Phenol, 2,4,6-tribromo-,  $\text{Br}_3\text{C}_6\text{H}_2\text{OH}$ .  
NT screwworms. 156.  
581-845-951.  
Phenol, pentabromo-,  $\text{C}_6\text{Br}_5\text{OH}$ .  
T screwworms at 0.33-0.67%. 156.  
581-847-924.  
Naphthol, polybromo-, CU.  
T rodents. 1179, 1388P.  
581-847-952-1021.  
Methane, brominated hydroxy diaryl.  
T as mothproofing agent. 418P, 1175.  
581-847-953-1021.  
Methane, brominated hydroxy triaryl.  
T as mothproofing agent. 418P, 1175.  
581-851-924.  
1-Naphthol, 4-chloro-,  $\text{ClC}_{10}\text{H}_7\text{OH}$ .  
T as mothproofing agent. 94P, 402P, 1175.  
581-851-951.  
Phenol, *m*-chloro-,  $\text{ClC}_6\text{H}_4\text{OH}$ .  
T as mothproofing agent. 94P, 409P, 418P, 1175,  
1457P.  
581-851-951.  
Phenol, *o*-chloro-,  $\text{ClC}_6\text{H}_4\text{OH}$ . (1-Chloro-2-hydroxybenzene).  
T houseflies and as mothproofing agent; ST  
screwworms. 94P, 156, 404P, 405P, 870P, 1002,  
1175, 1302P.  
581-851-951.  
Phenol, *p*-chloro-,  $\text{ClC}_6\text{H}_4\text{OH}$ .  
T screwworms and as mothproofing agent. 156,  
398P, 402P, 404P, 410P, 414P, 415P, 417P, 418P,  
870P, 1175, 1178, 1393P, 1455P, 1463P, 1464P,  
1465P.  
581-851-951.  
Phenols, chloro-, CU.  
T as mothproofing agent. 413P, 1175.  
581-851-951-1001.  
Phenol, 4-chloro-2-isobutyl-,  $\text{C}_4\text{H}_9(\text{Cl})\text{C}_6\text{H}_4\text{OH}$ .  
T as mothproofing agent. 404P, 870P, 1175.  
581-851-951-1001.  
Phenol, *p*-chloro-isobutyl-, CU;  $\text{C}_4\text{H}_9(\text{Cl})\text{C}_6\text{H}_4\text{OH}$ .  
T as mothproofing agent. 870P, 1175.  
581-851-951-1003-1021.  
*m*-Cresol, 4-chloro-6-isopropyl-,  
 $(\text{CH}_3)(\text{Cl})(\text{CH}_2\text{CHCH}_3)\text{C}_6\text{H}_3\text{OH}$ . (1-Methyl-3-hydroxy-4-isopropyl-6-chlorobenzene).  
T as mothproofing agent. 404P, 1175.  
581-851-951-1003-1021.  
Thymol, *p*-chloro-,  $\text{ClC}_6\text{H}_4(\text{CH}_3)[\text{CH}(\text{CH}_3)_2]\text{OH}$ .  
(3-Methyl-4-chloro-6-isopropylphenol).  
ST screwworms at 0.67%. 156.  
581-851-951-1003-1021.  
Thymol, chloro-, and its isomers, CU;  
 $\text{CH}_3\text{C}_6\text{H}_4(\text{OH})\text{CH}(\text{CH}_3)_2(\text{Cl})$ .  
T weevils and other parasites of granaries and  
warehouses and as mothproofing agent.  
870P, 1175, 1250P.  
581-851-951-1021.  
*m*-Cresol, 4-chloro-,  $(\text{CH}_3)(\text{Cl})\text{C}_6\text{H}_4\text{OH}$ . (1-Hydroxy-3-methyl-4-chlorobenzene; 2-chloro-5-hydroxy-toluene).  
T screwworms and as mothproofing agent.  
402P, 870P, 1175.  
581-851-951-1021.  
*m*-Cresol, 6-chloro-,  $(\text{CH}_3)(\text{Cl})\text{C}_6\text{H}_3\text{OH}$ . (6-Chloro-3-cresol).  
T as mothproofing agent. 404P, 414P, 1175,  
1465P.  
581-851-951-1021.  
o-Cresol, 3-chloro-,  $(\text{CH}_3)\text{C}_6\text{H}_3(\text{Cl})\text{OH}$ . (6-Chloro-2-cresol; 6-chloro-*o*-cresol).  
T as mothproofing agent. 125P, 404P, 409P, 870P,  
1175, 1457P.  
581-851-951-1021.  
o-Cresol, 4-chloro-,  $(\text{CH}_3)\text{C}_6\text{H}_3(\text{Cl})\text{OH}$ . (1-Methyl-2-oxy-5-chlorobenzol; 2-methyl-4-chlorophenol;  
1-hydroxy-2-methyl-4-chlorobenzene).  
T as mothproofing agent. 402P, 1175, 1455P.  
581-851-951-1021.  
o-Cresol, 5-chloro-,  $(\text{CH}_3)\text{C}_6\text{H}_3(\text{Cl})\text{OH}$ . (4-Chloro-2-cresol).  
T as mothproofing agent. 409P, 469P, 1175, 1178.  
581-851-951-1021.  
*p*-Cresol, 2-chloro-,  $(\text{CH}_3)\text{C}_6\text{H}_4(\text{Cl})\text{OH}$ . (3-Chloro-4-cresol; *o*-chloro-*p*-cresol; 4-methyl-2-chlor-1-oxybenzol).  
T as mothproofing agent. 94P, 414P, 870P, 1175,  
1457P.  
581-851-951-1021.  
Cresol, chloro-, CU;  $\text{Cl}(\text{CH}_3)\text{C}_6\text{H}_4\text{OH}$ .  
ST *Pieris rapae*. 635.  
581-851-951-1022.  
Phenol, chlorodimethyl-, CU;  $\text{Cl}(\text{CH}_3)_2\text{C}_6\text{H}_3\text{OH}$ .  
T as mothproofing agent. 638P, 1179.  
581-851-951-1177-1389.  
Phenol, chloro-, mercury sulfate, CU;  
 $[\text{ClC}_6\text{H}_4(\text{OH})\text{Hg}]_2\text{SO}_4$ . 379P.  
581-851-952.  
Phenol, 2-chloro-4-phenyl-,  $\text{C}_6\text{H}_5\text{C}_6\text{H}_3\text{ClO}$ .  
HT mosquito larvae; T as mothproofing agent.  
487, 1179, 1341P.  
581-851-952.  
Phenol, 2-chloro-6-phenyl-,  $\text{C}_6\text{H}_5\text{C}_6\text{H}_3(\text{OH})\text{Cl}$ .  
ST screwworms at 0.67%; NT codling moth. 156,  
930.  
581-851-952.  
Phenol, 4-chloro-2-phenyl-,  $\text{C}_6\text{H}_5\text{C}_6\text{H}_3(\text{OH})\text{Cl}$ .  
(4-Chloro-6-phenylphenol).  
ST screwworms at 0.67%. 156.  
581-851-952.  
Phenol, chlorophenyl-, CU. (Biphenyl, chlorohydroxy;  
chlorohydroxydiphenyl).  
T as mothproofing agent. 1179, 1341P.  
581-851-952-1003.  
Phenol, 2-chloro-4-( $\alpha$ -phenylisopropyl)-;  
 $\text{HOC}_6\text{H}_4(\text{Cl})\text{C}(\text{CH}_3)_2\text{C}_6\text{H}_5$ . (*p*-( $\alpha$ -phenyl isopropyl)-  
*o*-chlorophenol). 1090P.  
581-851-952-1021.  
o-Cresol, 4-chloro- $\alpha$ -phenyl-,  $\text{CH}_2(\text{ClC}_6\text{H}_4\text{OH})\text{C}_6\text{H}_5$ .  
(Methane, 5-chloro-2-hydroxydiphenyl).  
T as mothproofing agent. 1179, 1456P.  
581-851-952-1022.  
o-Cresol, 4-chloro- $\alpha$ -*p*-tolyl-,  $\text{CH}_2(\text{ClC}_6\text{H}_4\text{OH})\text{C}_6\text{H}_4\text{CH}_3$ . (Methane, 5-chloro-2-hydroxy-4'-methyl-diphenyl).  
T as mothproofing agent. 1179, 1456P.  
581-851-961.  
Cyclohexanol, 2-chloro-,  $\text{ClC}_6\text{H}_{11}\text{OH}$ . (1-Chloro-2-hydroxycyclohexane). 280P.  
581-851-961-1021.  
Cyclohexanol, 2-chloro-5-methyl-,  $\text{ClC}_6\text{H}_9(\text{OH})\text{CH}_3$ . (1-Chloro-2-hydroxy-4-methylcyclohexane). 280P.  
581-851-1003.  
1-Propanol, 3-chloro-,  $\text{CH}_2\text{ClCH}_2\text{CH}_2\text{OH}$ . (Trimethylene chlorohydrin).  
NT rice weevil. 1180.  
581-851-1003.  
2-Propanol, 1-chloro-,  $\text{CH}_3\text{CHClCH}_2\text{OH}$ . (Propylene chlorohydrin).  
HT rice weevil. 1180.  
581-851-1011.  
Ethanol, 2-chloro-,  $\text{CH}_3\text{ClCH}_2\text{OH}$ . (Ethylene chlorohydrin;  $\beta$ -chloroethyl alcohol).  
HT rice weevil; T codling moth larvae; NT red scale. 269, 565, 1180.  
581-852-924.  
1-Naphthol, 2,4-dichloro-,  $\text{Cl}_2\text{C}_{10}\text{H}_7\text{OH}$ .  
NT screwworms. 156.

- 581-852-951.  
Phenol, 2, 4-dichloro-;  $\text{Cl}_2\text{C}_6\text{H}_4\text{OH}$ . (1-Hydroxy-2,4-dichlorobenzene).  
T screwworms and as mothproofing agent; NT codling moth. 156, 388P, 402P, 404P, 410P, 413P, 414P, 415P, 417P, 430P, 435P, 436P, 469P, 870P, 930, 1175, 1178, 1393P, 1465P.
- 581-852-951.  
Phenol, 2,5-dichloro-;  $\text{Cl}_2\text{C}_6\text{H}_3\text{OH}$ .  
T as mothproofing agent. 409P, 1175.
- 581-852-951.  
Phenol, 2,6-dichloro-;  $\text{Cl}_2\text{C}_6\text{H}_3\text{OH}$ .  
T as mothproofing agent. 94P, 404P, 414P, 1175.
- 581-852-951-1021.  
Cresol, dichloro-, CU;  $\text{Cl}_2\text{C}_6\text{H}_3(\text{OH})\text{CH}_3$ . (Dichloro-cresol, crude).  
HT *Aphis rumicis*. 1376.
- 581-852-952.  
Phenol, p-(2,4-dichlorophenyl)-;  $\text{HOCC}_6\text{H}_4(\text{Cl})_2$ .  
NT codling moth. 930.
- 581-852-952-1021.  
Phenol, 4-chloro-2-(o-chlorobenzyl)-;  $\text{ClCH}_2(\text{CH}_2\text{C}_6\text{H}_4\text{Cl})\text{OH}$ .  
T as mothproofing agent. 1175, 1178, 1455P, 1456P, 1464P.
- 581-852-952-1021.  
o-Cresol, 2,4-dichloro- $\alpha$ -phenyl-;  $\text{CH}_3(\text{C}_6\text{H}_3\text{Cl}_2)\text{C}_6\text{H}_4(\text{Cl})\text{OH}$ . (Methane, 3,5-dichloro-2-hydroxy diphenyl).  
T as mothproofing agent. 415P, 418P, 1175.
- 581-853-951.  
Phenol, 2,4,5-trichloro-;  $\text{Cl}_3\text{C}_6\text{H}_3\text{OH}$ .  
T as mothproofing agent; NT screwworms. 156, 404P, 410P, 870P, 1175, 1463P.
- 581-853-951.  
Phenol, trichloro-, CU;  $\text{Cl}_3\text{C}_6\text{H}_3\text{OH}$ .  
T mosquito larvae; NT codling moth larvae. 487, 555.
- 581-853-951-1011.  
Benzyl alcohol,  $\alpha$ -trichloromethyl-;  $\text{C}_6\text{H}_5\text{CH}(\text{CCl}_3)\text{OH}$ . (Trichloromethylphenylcarbinol). 851P.
- 581-853-951-1021.  
Benzyl alcohol, trichloro-, CU;  $\text{Cl}_3\text{C}_6\text{H}_3\text{CH}_2\text{OH}$ .  
T as mothproofing agent. 413P, 1175, 1393P.
- 581-853-953-1022.  
Phenol, 4-chloro-2,6-bis(o-chlorobenzyl)-;  $\text{ClC}_6\text{H}_4(\text{CH}_2\text{C}_6\text{H}_4\text{Cl})_2\text{OH}$ . (Phenol, 2,6-bis(o-chlorobenzyl)-1)-4-chloro-; 2,6-bis(bis(o-chlorobenzyl)-4-chlorophenol).  
T as mothproofing agent. 1175, 1179, 1455P, 1456P.
- 581-853-1001.  
2-Propanol, 1,1,1-trichloro-2-methyl-;  $(\text{CH}_3)_3\text{C}(\text{OH})\text{CCl}_3$ . (1,1,1-Trichloro-tert-butyl alcohol; chlorotone; chlorbutol; acetonechloroform; chlorbutanol).  
T houseflies; ST rice weevil. 851P, 1180, 1276.
- 581-853-1003.  
2-Propanol, 1,1,1-trichloro-;  $\text{CCl}_3\text{CH}(\text{OH})\text{CH}_3$ . 851P.
- 581-854-951.  
Phenol, 2,3,4,6-tetrachloro-;  $\text{Cl}_4\text{C}_6\text{H}_2\text{OH}$ .  
MT mosquito larvae; NT *Melanoplus m. meizianus*. 487, 488, 1150.
- 581-854-951.  
Phenol, tetrachloro-, CU;  $\text{Cl}_4\text{C}_6\text{H}_2\text{OH}$ .  
T as mothproofing agent. 40P, 1176.
- 581-854-951-1021.  
Cresol, tetrachloro-, CU;  $\text{Cl}_4\text{C}_6\text{H}_2(\text{CH}_3)\text{OH}$ .  
T as mothproofing agent. 40P, 1176.
- 581-854-952-1021.  
o-Cresol, 4-chloro- $\alpha$ -(2,4,5-trichlorophenyl)-;  $\text{CH}_3(\text{C}_6\text{H}_3\text{Cl}_3)\text{C}_6\text{H}_4(\text{Cl})\text{OH}$ . (Methane, 2,4,5,5'-tetrachloro-2'-hydroxydiphenyl).  
T as mothproofing agent. 1179, 1456P.
- 581-854-952-1021.  
o-Cresol, 2,4-dichloro- $\alpha$ -(2,6-dichlorophenyl)-;  $\text{Cl}_2\text{C}_6\text{H}_3\text{CH}_2\text{C}_6\text{H}_3(\text{Cl})_2\text{OH}$ . (Methane, 2,6,3',5'-tetrachloro-2'-hydroxydiphenyl).  
T as mothproofing agent. 1179, 1394P.
- 581-854-952-1021.  
Cresol,  $\alpha$ -phenyl-tetrachloro-, CU. (Methane, tetrahydroxydiphenyl).  
T as mothproofing agent. 1179, 1456P.
- 581-855-951.  
Phenol, pentachloro-;  $\text{Cl}_5\text{C}_6\text{H}_1\text{OH}$ .  
T silkworm, *Lyctus* species, and as mothproofing agent; MT *Carpocapsa pomonella*; NT *Melanoplus m. meizianus*. 26, 40P, 156, 561, 1150, 1178, 1291, 1376.
- 581-855-952-1021.  
Cresol, pentachloro- $\alpha$ -phenyl-, CU. (Methane, pentachlorohydroxydiphenyl).  
T as mothproofing agent. 1179, 1394P.
- 581-857-951-1003-1021.  
Cresol, isopropyl-chloro-, CU;  $\text{CH}_3(\text{Cl})\text{C}_6\text{H}_4\text{OH}(\text{CH}(\text{CH}_3)_2)_2$ . (Chlorinated crude isopropylcresol).  
T weevils and other parasites of granaries and warehouses. 1250P.
- 581-857-952-1021.  
Cresol,  $\alpha$ -aryl-chloro-, CU. (Methane, chlorinated hydroxy diaryl).  
T as mothproofing agent. 418P, 1175.
- 581-857-953-1021.  
Cresol, chloro- $\alpha$ -diaryl-, CU. (Methane, chlorinated hydroxy triaryl).  
T as mothproofing agent. 418P, 1175.
- 581-861-951.  
Phenol, p-Buaro-;  $\text{FC}_6\text{H}_4\text{OH}$ .  
T as mothproofing agent. 414P, 1175, 1462P.
- 581-861-953.  
1-Octadecanol-fluoro-, CU;  $\text{F}(\text{C}_{17}\text{H}_{35})\text{OH}$ . (Fluorooctadecyl alcohol). 345P.
- 581-865-924-951-1021.  
Naphthol, methylarylo-, CU;  $\text{CH}_3\text{R}^1\text{N}:\text{NR}^2\text{OH}$ . The general formula above where  $\text{R}^1$  and  $\text{R}^2$  denote interchangeable homocyclic aryl nuclei,  $\text{R}^1$  being a single benzene ring and  $\text{R}^2$  a naphthyl nucleus. 1435P.
- 581-871-951.  
Phenol, m-iodo-;  $\text{IC}_6\text{H}_4\text{OH}$ .  
T goldfish. 110, 547.
- 581-871-951.  
Phenol, o-iodo-;  $\text{IC}_6\text{H}_4\text{OH}$ .  
T goldfish. 110, 547.
- 581-871-951.  
Phenol, p-iodo-;  $\text{IC}_6\text{H}_4\text{OH}$ .  
T goldfish. 110, 547.
- 581-871-951-1003-1021.  
Thymol, 4-iodo-;  $\text{CH}_3(\text{C}_6\text{H}_7)\text{C}_6\text{H}_2(\text{I})\text{OH}$ . (Aristol, thymol iodide; dithymol diiodide).  
ST clothes lice. 110, 1003, 1011.
- 581-871-951-1021.  
o-Cresol, iodo-, CU;  $\text{IC}_6\text{H}_3(\text{CH}_3)\text{OH}$ . (Moniodo-orthocresol).  
T clothes lice. 110, 1011.
- 581-873-951.  
Phenol, 2,4,6-triiodo-;  $\text{I}_3\text{C}_6\text{H}_3\text{OH}$ . (Triiodophenol).  
T culicine mosquito larvae; NT screwworms and codling moth larvae. 110, 156, 487, 1291.
- 581-881-924.  
Naphthols, p-halogenated, CU.  
T as mothproofing agent. 410P, 1175.
- 581-881-951.  
Phenols, p-halogenated, CU.  
T as mothproofing agent. 402P, 410P, 417P, 1175.
- 581-887-951.  
Phenols, halogenated, CU.  
T as mothproofing agent. 458P, 1179.
- 581-910.  
9-Anthrol;  $(\text{C}_{14}\text{H}_9)\text{OH}$ . (Anthranol; 9-hydroxy-anthracene). 584P.
- 581-912.  
9-Fluoreneol;  $\text{C}_{15}\text{H}_9\text{OH}$ . (Fluorene alcohol; diphenylene-carbinol).  
ST corn borer. 1120.
- 581-924.  
1-Naphthol;  $\text{C}_{10}\text{H}_7\text{OH}$ . ( $\alpha$ -Naphthol; 1-hydroxy-naphthalene).  
HT *Aphis rumicis*; T as mothproofing agent; ST screwworms; NT clothes moths (739). 156, 404P, 739, 870P, 1175, 1178, 1179, 1378, 1388.
- 581-924.  
2-Naphthol;  $\text{C}_{10}\text{H}_7\text{OH}$ . ( $\beta$ -Naphthol; 2-hydroxy-naphthalene).  
T termites and *Timolea bisellata*. 162, 404P, 413P, 480P, 489P, 599, 870P, 1137P, 1138P, 1175, 1176, 1179, 1388P, 1393P, 1407.

- 581-924.  
Naphthols, CU;  $C_{10}H_7OH$ .  
T rodents and insects. 1179, 1388P.
- 581-924.  
1-Naphthol, 5,6,7,8-tetrahydro-;  $C_{10}H_{12}O$ .  
( $\alpha$ -Naphthol, 5,6,7,8-tetrahydride;  $\alpha$ -tetrahydro- $\alpha$ -naphthol).  
HT mosquito larvae. 487.
- 581-924.  
2-Naphthol,  $\alpha$ -tetrahydro-, CU. ( $\alpha$ -Tetrahydro- $\beta$ -naphthol).  
T as mothproofing agent. 404P, 870P, 1175.
- 581-924-952-1021.  
Naphthalenemethanol,  $\alpha,\alpha$ -diphenyl-;  
( $C_6H_5$ )<sub>2</sub>( $C_{10}H_7$ )COH. (Diphenyl  $\alpha$ -naphthyl carbinol).  
NT *Bombyx mori* larvae. 559.
- 581-930-1023.  
Borneol;  $C_{10}H_{18}O$ .  
HT codling moth larvae; T *Lucilia cuprina* larvae and as mothproofing agent; attractant for oriental peach moth. 508, 849, 1137, 1175, 1291.
- 581-951.  
Phenol;  $C_6H_5OH$ . (Carbolic acid; hydroxybenzene; phenylic acid; phenic acid; phenyl hydrate).  
HT *Lucilia sericata* larvae; T *Aphis rumicis*, Japanese beetle, and as mothproofing agent; NT *Melanoplus m. mexicanus*. 26, 94P, 175, 401P, 404P, 405P, 413P, 494P, 555, 870P, 1077, 1101P, 1150, 1152, 1175, 1176, 1179, 1210P, 1231P, 1268, 1388P, 1396, 1469P.
- 581-951-961.  
Phenol,  $\alpha$ -cyclohexyl-;  $C_6H_{11}C_6H_4OH$ .  
HT *Carpocapsa pomonella* larvae; T houseflies; NT *Melanoplus m. mexicanus*. 112, 156, 651P, 1150, 1291.
- 581-951-961.  
Phenol,  $p$ -cyclohexyl-;  $C_6H_{11}C_6H_4OH$ .  
NT screwworms and *Melanoplus m. mexicanus*. 156, 1150.
- 581-951-999.  
2-Butanol, 3-methyl-2-phenyl-;  
( $CH_3$ )<sub>2</sub>CHC( $C_6H_5$ )( $CH_3$ )OH. ( $\alpha$ -Isopropyl- $\alpha$ -methyl benzyl alcohol).  
HT codling moth larvae. 1291.
- 581-951-999.  
Phenol,  $p$ -( $\alpha,\alpha$ -dimethylpropyl)-;  
 $CH_3CH_2C(CH_3)_2C_6H_4OH$ . ( $p$ -tert-Amylphenol).  
T houseflies and T screwworms at 0.17-0.33%. 112, 156, 700P.
- 581-951-1001.  
Phenol,  $p$ -butyl-;  $C_6H_5C_4H_9OH$ . (4-n-Butyl phenol).  
T as mothproofing agent. 404P, 1175.
- 581-951-1001.  
Phenol, isobutyl-, CU;  $C_6H_5C_4H_9OH$ .  
T as mothproofing agent. 870P, 1175.
- 581-951-1001.  
Phenol,  $p$ -2-(2-methylpropyl)-;  $C_6H_5C_6H_4OH$ . ( $p$ -tert-Butylphenol).  
NT European corn borer. 1122.
- 581-951-1003-1021.  
Carvacrol; ( $CH_3$ )<sub>2</sub>CHC( $C_6H_5$ )( $CH_3$ )OH.  
T houseflies, *Aphis rumicis*, and *Lucilia cuprina* larvae. 849, 1153, 1276.
- 581-951-1003-1021.  
Thymol; ( $CH_3$ )<sub>2</sub>CHC( $C_6H_5$ )( $CH_3$ )OH. (Isopropyl meta-cresol, 1,4-methylmethoxyethylphenol (3); methylpropylphenol, thyme camphor, thymic acid, 3-oxy-1-methyl-4-isopropylbenzol; 5-methyl-2-isopropylphenol; 3-hydroxy- $p$ -cymene).  
T *Lucilia cuprina*, mosquitoes, screwworms, and as mothproofing agent. 156, 404P, 643A, 849, 870P, 1175, 1176, 1261P.
- 581-951-1003-1021.  
 $m$ -Cresol, 4-isopropyl-; ( $CH_3$ )<sub>2</sub>CHC( $C_6H_5$ )( $CH_3$ )OH. (1-Methyl-3-hydroxy-6-isopropyl-benzene).  
T as mothproofing agent. 404P, 1175.
- 581-951-1003-1021.  
Phenol, methyl isopropyl-, CU; ( $CH_3$ )<sub>2</sub>CHC( $C_6H_5$ )( $CH_3$ )OH.  
NT oriental peach moth. 508.
- 581-951-1003-1030.  
Cinnamyl alcohol;  $C_6H_5CH:CHC_6H_4OH$ . (Cinnamic alcohol).  
T *Diabrotica duodecimpunctata*. 1012.
- 581-951-1011.  
Ethanol, 2-phenyl-;  $C_6H_5CH_2CH_2OH$ . (Phenyl ethyl alcohol).  
T Japanese beetle. 949A.
- 581-951-1011-1021.  
Benzyl alcohol,  $\alpha,\beta$ -dimethyl-;  $CH_3C_6H_4CH(CH_3)OH$ .  
HT codling moth larvae. 1291.
- 581-951-1021.  
 $m$ -Cresol;  $CH_3C_6H_4OH$ . ( $m$ -Methylphenol;  $m$ -hydroxy-toluene).  
HT *Aphis rumicis*; T screwworms and clothes moths. 156, 404P, 870P, 1175, 1376.
- 581-951-1021.  
 $p$ -Cresol;  $CH_3C_6H_4OH$ . ( $o$ -Methylphenol;  $o$ -hydroxytoluene).  
HT *Aphis rumicis*; T clothes moths, Japanese beetle and screwworms. 156, 401P, 405P, 494, 555, 723, 870P, 1175, 1376.
- 581-951-1021.  
 $p$ -Cresol;  $CH_3C_6H_4OH$ . ( $p$ -Methylphenol;  $p$ -hydroxytoluene).  
HT *Aphis rumicis*; T screwworms and clothes moths. 94P, 156, 404P, 408P, 413P, 418P, 870P, 1175, 1376.
- 581-951-1021.  
Cresol, CU;  $CH_3C_6H_4OH$ . (Cresylic acid (ortho-, meta-, and para-compounds); hydroxytoluene; methylphenol; oxytoluene; Lycol).  
T *Aphis rumicis*, codling moth larvae, and as mothproofing agent. 508, 548, 555, 1024, 1025, 1152, 1176, 1231P.
- 581-951-1021.  
Benzyl alcohol;  $C_6H_5CH_2OH$ . (Phenylcarbinol;  $\alpha$ -hydroxytoluene).  
T *Aphis rumicis*, *Leptinotarsa decemlineata*, and clothes moths; NT red scale. 268, 407P, 413P, 868P, 1009, 1152, 1175, 1455P.
- 581-951-1021-1177-1303.  
Cresol, cyanomercuri-, CU;  $HO(CH_2)C_6H_4HgCN$ . 379P.
- 581-951-1021-1177-1405.  
 $o$ -Cresol, thiocyanomercuri-, CU;  $HO(CH_2)C_6H_4HgSCN$ . 1178, 1237P.
- 581-951-1022.  
Benzyl alcohol,  $p$ -methyl-;  $CH_3C_6H_4CH_2OH$ .  
T as mothproofing agent. 1175, 1455P.
- 581-951-1022.  
2,4-Xylenol-; ( $CH_3$ )<sub>2</sub>C<sub>6</sub>H<sub>3</sub>OH. ( $\alpha,\alpha$ -Xylenol)  
T as mothproofing agent; NT *Pieris rapae*. 408, 635, 1175.
- 581-951-1022.  
3,4-Xylenol; ( $CH_3$ )<sub>2</sub>C<sub>6</sub>H<sub>3</sub>OH. (1,3,4-Xylenol).  
NT *Pieris rapae*. 635.
- 581-951-1022.  
2,6-Xylenol; ( $CH_3$ )<sub>2</sub>C<sub>6</sub>H<sub>3</sub>OH. (2,6-Dimethylphenol;  $vic$ - $m$ -xylenol).  
HT *Carpocapsa pomonella* larvae. 1291.
- 581-951-1022.  
3,5-Xylenol; ( $CH_3$ )<sub>2</sub>C<sub>6</sub>H<sub>3</sub>OH. ( $sym$ -Xylenol; 5-hydroxy-1,3-dimethylbenzene).  
T screwworms at 0.33-0.67% and as mothproofing agent. 156, 404P, 870P, 1175.
- 581-951-1027.  
Phenol,  $p$ -alkylated, CU.  
T as mothproofing agent. 408P, 1175.
- 581-951-1109-1182-1303.  
Phenol, ammonium nickel cyanide complex. (Ammonium nickel cyanide phenol).  
NT *Leptinotarsa decemlineata*. 1008.
- 581-951-1177-1405.  
Phenols, thiocyanomercuri-, CU;  $HOC_6H_4HgSCN$ . 1178, 1237P.
- 581-952.  
Phenol,  $o$ -phenyl-;  $C_6H_5C_6H_4OH$ . ( $o$ -Hydroxydiphenyl;  $o$ -phenyl phenol).  
T screwworms at 0.33-0.67%. 156.
- 581-952.  
Phenol,  $p$ -phenyl-;  $C_6H_5C_6H_4OH$ . ( $p$ -Hydroxydiphenyl).  
ST screwworms at 0.67%. 156.
- 581-952.  
Phenol, phenyl-, CU;  $C_6H_5C_6H_4OH$ . (Hydroxy biphenyl; hydroxy diphenyl).



- T as mothproofing agent. 412P, 1175, 1461P.
- 581-952-1003.  
Phenol, 5-isopropyl-2-phenyl-;  $C_6H_5C_6H_4(OH)C_3H_7$ , (2-Hydroxy-5-isopropyl-diphenyl). 210P.
- 581-952-1003-1021.  
*m*-Cresol, 4-( $\alpha$ -phenylisopropyl);  $HOC_6H_4(CH_2)C(CH_3)_2C_6H_5$ . (Para-( $\alpha$ -phenyl isopropyl)-meta-cresol). 1090P.
- 581-952-1003-1021.  
*o*-Cresol, 4-( $\alpha$ -phenylisopropyl)-;  $HOC_6H_4(CH_2)C(CH_3)_2C_6H_5$ . (Para-( $\alpha$ -phenyl isopropyl)-ortho-cresol). 1090P.
- 581-952-1021.  
*o*-Cresol,  $\alpha$ -phenyl-;  $C_6H_4CH_2C_6H_4OH$ . (*o*-Benzylphenol; methane, 2-hydroxydiphenyl).  
T clothes moths and T screwworms at 0.33-0.67%. 156, 418P, 870P, 1175.
- 581-952-1021.  
*p*-Cresol,  $\alpha$ -phenyl-;  $C_6H_4CH_2C_6H_4OH$ . (*p*-Benzylphenol; *p*-hydroxydiphenylmethane).  
T screwworms at 0.17-0.33%. 156, 404P, 870P, 1175.
- 581-952-1021.  
Benzohydrol;  $(C_6H_5)_2CHOH$ . (Diphenylcarbinol; benzhydrol; hydroxydiphenylmethane).  
HT corn borer; T clothes moths. 413P, 1120, 1175.
- 581-952-1027.  
Phenol, alkyl phenyl-. CU;  $C_6H_5C_6H_4(R)OH$ . (Alkylhydroxybiphenyls). 112, 228P, 229P, 943.
- 581-953-1011-1193-1291.  
Phosphonium chloride, hydroxyethyltriphenyl-;  $(C_6H_5)_3(HOC_2H_4)PCL$ .  
T as mothproofing agent. 394P, 395P, 807P, 871P, 1175, 1176, 1179.
- 581-953-1021.  
Benzyl alcohol,  $\alpha,\alpha$ -diphenyl-;  $(C_6H_5)_2COH$ . (Triphenyl carbinol).  
NT *Bombyx mori* larvae. 156, 559.
- 581-957-1003-1021.  
Terpineol;  $C_{10}H_{17}OH$ . (*dl*-1-*p*-Menth-8-ol?).  
T *Aphis rumicis*; attractant for oriental peach moth; NT wireworms at 468.0 mg./L. 508, 846, 1152.
- 581-961.  
Cyclohexanol;  $C_6H_{11}OH$ . (Hexahydrophenol; hexalin).  
T *Aphis rumicis* and *Lucilia cuprina* larvae; ST screwworms at 0.67%. 156, 849, 1152.
- 581-961-1003-1021.  
Menthol;  $C_{10}H_{18}OH$ . (*l*-3-*p*-Menthanol; *l*-hexahydrothymol).  
T clothes moths and oriental peach moth; NT *Chrysomphalus aurantii*. 268, 1094, 1137P, 1175.
- 581-975-1021.  
Methanes, hydroxydiaryl-.  
T as mothproofing agent. 402P, 414P, 415P, 417P, 434P, 438P, 439P, 442P, 443P, 447P, 448P, 449P, 451P, 453P, 454P, 455P, 457P, 458P, 470P, 1175, 1179, 1394P, 1454P, 1455P, 1456P, 1458P, 1459P, 1460P, 1463P, 1465P, 1466P, 1508P.
- 581-975-1021.  
Methanes, hydroxytriaryl-.  
T as mothproofing agent. 94P, 402P, 408P, 409P, 410P, 414P, 415P, 417P, 434P, 438P, 439P, 442P, 443P, 447P, 448P, 449P, 451P, 453P, 454P, 455P, 457P, 458P, 1175, 1179, 1394P, 1454P, 1455P, 1456P, 1459P, 1460P, 1463P, 1465P, 1466P, 1468P.
- 581-980.  
Gossypol;  $C_{30}H_{48}OH$ ? (Gossypyl alcohol?).  
NT woolly aphids and Mexican bean beetle. 117.
- 581-983.  
1-Octadecanol;  $CH_3(CH_2)_{16}CH_2OH$ . (*n*-Octadecyl alcohol).  
NT screwworms. 156.
- 581-989.  
Dodecyl alcohol;  $CH_3(CH_2)_{10}CH_2OH$ .  
MT houseflies. 107P, 112.
- 581-991.  
1-Octanol, 3,7-dimethyl-;  $(CH_3)_2C_8H_{17}CH(CH_3)C_8H_{17}OH$ . (Dihydrocitronellol).  
HT codling moth larvae. 1291.
- 581-991-1030.  
Rhodinol;  $CH_3CCH_3:CHCH_2CH_2CHCH_2CH_2CH_2OH$ . (2,6-Dimethylocten-2-ol-8).  
ST wireworms at 450.0 mg./L. 846.
- 581-991-1030.  
Citronellol;  $CH_3C(CH_3)(CH_2)_5CH(CH_2)_2C_8H_{17}OH$ .  
HT codling moth larvae; T houseflies. 1276, 1291.
- 581-991-1033.  
Geraniol;  $(CH_3)_2C:CHCH_2CH_2C(CH_3)(OH)CH_2CH_2CH_3$ . (3,7-Dimethyl-2,8-octadien-1-ol).  
HT codling moth larvae; T houseflies, *Lucilia cuprina*, and as attractant for oriental peach moth. 508, 846, 1276, 1291.
- 581-991-1033.  
Linalool;  $(CH_3)_2C:CHCH_2CH_2C(CH_3)(OH)CH_2CH_2CH_3$ .  
HT codling moth larvae; T houseflies and as attractant for oriental peach moth. 508, 1276, 1291.
- 581-992.  
Nonyl alcohol;  $CH_3(CH_2)_8CH_2OH$ . (1-Nonanol).  
NT rice weevil. 1180.
- 581-993.  
Octyl alcohol;  $CH_3(CH_2)_7CH_2OH$ . (1-Octanol; heptylcarbinol).  
T aphids; NT rice weevil. 768, 1152, 1180.
- 581-993.  
*dl*-2-Octanol;  $CH_3CH(OH)CH_2CH_2CH_2CH_2CH_2CH_3$ . (*dl*-sec-Octyl alcohol).  
HT rice weevil. 1180.
- 581-995.  
1-Butanol, 1-propyl-;  $(CH_3CH_2CH_2)_3CHOH$ . (Di-*n*-propyl carbinol).  
MT rice weevil. 1180.
- 581-995.  
3-Pentanol, 2,4-dimethyl-;  $(CH_3)_2CHCH(OH)CH_2CH_3$ . (Diisopropyl carbinol(?)).  
NT red scale. 268.
- 581-995.  
3-Pentanol, 3-ethyl-;  $(CH_3CH_2)_3COH$ . (Triethyl carbinol).  
HT rice weevil. 1180.
- 581-995.  
Heptyl alcohol;  $CH_3(CH_2)_6CH_2OH$ . (1-Heptanol).  
NT rice weevil. 1180.
- 581-997.  
1-Butanol, 1,1-dimethyl-;  $(CH_3)_2C(OH)CH_2CH_2CH_3$ . (Dimethyl *n*-propyl carbinol).  
HT rice weevil. 1180.
- 581-997.  
Hexyl alcohol;  $CH_3(CH_2)_5CH_2OH$ . (1-Hexanol; amylcarbinol).  
NT rice weevil. 1180.
- 581-999.  
Amyl alcohol;  $CH_3(CH_2)_4CH_2OH$ .  
ST red scale; NT rice weevil. 268, 1180.
- 581-999.  
2-Pentanol;  $CH_3CH(OH)CH_2CH_2CH_3$ . (*sec*-Amyl alcohol).  
HT rice weevil; NT *Chrysomphalus aurantii*. 268, 1180.
- 581-999.  
1-Butanol, 2-methyl-;  $CH_3CH_2CH(CH_3)CH_2OH$ . (*sec*-Butyl carbinol; *pri*-act-amy alcohol).  
HT rice weevil; ST red scale. 268, 1180.
- 581-999.  
Isobutyl alcohol;  $(CH_3)_2CHCH_2CH_2OH$ . (Isobutyl carbinol; 3-methyl-1-butanol).  
HT rice weevil; T codling moth; ST wireworms. 268, 846, 915, 1180.
- 581-999.  
*tert*-Amyl alcohol;  $(CH_3)_3C(OH)CH_2CH_3$ . (2-Methyl-2-butanol; dimethylethylcarbinol).  
HT rice weevil; T *Lucilia cuprina* larvae; ST wireworms; NT *Chrysomphalus aurantii*. 268, 846, 849, 1180.
- 581-999.  
2-Butanol, 3-methyl-;  $CH_3CH(OH)CH(CH_3)CH_3$ . (Methyl isopropyl carbinol).  
NT *Chrysomphalus aurantii*. 268.
- 581-999.  
3-Pentanol;  $(C_2H_5)_3CHOH$ . (Diethyl carbinol).  
HT rice weevil. 1180.

- 581-1001.  
Butyl alcohol;  $\text{CH}_3\text{CH}_2\text{CH}_2\text{CH}_2\text{OH}$ . (1-Butanol; propylcarbinol).  
T clothes moths; NT rice weevil. 319P, 398P, 402P, 407P, 868P, 1175, 1180, 1242P, 1400P.
- 581-1001.  
Isobutyl alcohol;  $(\text{CH}_3)_2\text{CHCH}_2\text{OH}$ . (2-Methyl-1-propanol; isopropylcarbinol).  
HT rice weevil; ST wireworms. 846, 1180.
- 581-1001.  
sec-Butyl alcohol;  $\text{CH}_3\text{CH}(\text{OH})\text{CH}_2\text{CH}_3$ . (2-Butanol; ethylmethylcarbinol).  
HT rice weevil; ST red scale. 268, 1180.
- 581-1001.  
tert-Butyl alcohol;  $(\text{CH}_3)_3\text{COH}$  (2-Methyl-2-propanol; trimethylcarbinol).  
HT rice weevil; NT wireworms. 846, 1180.
- 581-1003.  
Propyl alcohol;  $\text{CH}_3\text{CH}_2\text{CH}_2\text{OH}$ . (1-Propanol; ethylcarbinol).  
MT rice weevil; NT *Chrysomphalus aurantii*. 268, 1180.
- 581-1003.  
Isopropyl alcohol;  $\text{CH}_3\text{CHOHCH}_3$ . (2-Propanol; dimethylcarbinol).  
HT rice weevil. 1180.
- 581-1003-1030.  
Allyl alcohol;  $\text{CH}_2=\text{CHCH}_2\text{OH}$ . (2-Propen-1-ol).  
HT rice weevil; T *Aphis rumicis* and *Leptinotarsa decemlineata*; ST red scale. 268, 1009, 1153, 1180.
- 581-1003-1201.  
Glycerol di-metarsenite;  $\text{CH}(\text{OH})[\text{CH}_2\text{OAsO}]_2$ . 1132P.
- 581-1011.  
Ethyl alcohol;  $\text{CH}_3\text{CH}_2\text{OH}$ . (Ethanol; methyl-carbinol; alcohol; spirit of wine).  
T *Lucilia cuprina* larvae; MT rice weevil; ST red scale. 175, 268, 849, 1180.
- 581-1021.  
Methyl alcohol;  $\text{CH}_3\text{OH}$ . (Methanol; carbinol; wood alcohol).  
T clothes moths and *Lucilia cuprina* larvae; ST red scale; NT rice weevil. 268, 768, 807P, 849, 1179, 1180.
- 581-1027.  
Primary aliphatic alcohols, CU.  
(Having from 10 to 14 carbon atoms). 1126P.
- 582-591-854-952.  
Ether, bis(dichloro-4-hydroxyphenyl)-;  $(\text{HOCCl}_2\text{H}_3\text{Cl}_2)_2\text{O}$ . 360P.
- 582-591-872-952.  
Phenol, *o,o'*-oxybis[4-iodo-;  $(\text{HOCCl}_2\text{H}_3)_2\text{O}$ . (Ether, bis(2-hydroxy-5-iodophenyl)-; bis(2-hydroxy-5-iodophenyl)-oxide). 110, 1035P.
- 582-591-952-1027.  
Aliphatic alcohols, oxy derivatives, CU.  
T as fly spray. 228P.
- 582-591-975.  
Ether, bis(hydroxyaryl)-, CU; (HOR)<sub>2</sub>O. 360P.
- 582-591-1012.  
Diethylene glycol;  $\text{O}(\text{CH}_2\text{CH}_2\text{OH})_2$ . (2,2'-Oxy-diethanol; 2,2'-dihydroxyethyl ether). 1202P.
- 582-592-625-952-1022.  
Fluoresinol;  $\text{C}_6\text{H}_5\text{O}_2$ .  
NT when used as a synergist with pyrethrum against houseflies. 617.
- 582-625-730-950-1389.  
Morphine sulphate;  $(\text{C}_{17}\text{H}_{19}\text{NO}_3)_2\text{H}_2\text{SO}_4$ .  
NT Japanese beetle. 1008.
- 582-665-841-952.  
Resorcinol, [4-(*p*-bromophenylazo)-;  $\text{HOCCl}_2\text{H}_3\text{N}:\text{NC}_6\text{H}_4(\text{OH})_2$ . (2,4-Dihydroxy-4'-bromo azobenzene).  
T mosquito larvae; ST greenhouse red spider at 2%; NT southern army worm at 4%. 487, 488, 1438P, 1481.
- 582-665-852-924-951.  
2-Naphthol, 1-(3,5-dichloro-2-hydroxyphenylazo)-;  $\text{HOCCl}_2\text{H}_3\text{N}:\text{NC}_6\text{H}_3(\text{Cl})_2\text{OH}$ .  
HT mosquito larvae. 487.
- 582-665-852-952.  
Resorcinol, 4-(2,5-dichlorophenylazo)-;  $(\text{HO})_2\text{C}_6\text{H}_3\text{N}:\text{NC}_6\text{H}_3\text{Cl}_2$ .  
MT mosquito larvae. 487, 653.
- 582-665-952.  
Phenol, *p,p'*-azodi-;  $\text{HOCCl}_2\text{H}_3\text{N}:\text{NC}_6\text{H}_4\text{OH}$ . (p-p'-Azobisphenol).  
NT screwworms. 156, 1120.
- 582-665-952.  
Resorcinol, 4-phenylazo-;  $\text{C}_6\text{H}_5\text{N}:\text{NC}_6\text{H}_3(\text{OH})_2$ .  
NT mosquito larvae. 487.
- 582-665-952.  
Resorcinol, phenylazo-, CU;  $\text{C}_6\text{H}_5\text{N}:\text{NC}_6\text{H}_3(\text{OH})_2$ . (Benzeneazoresorcinol).  
NT screwworms. 156.
- 582-665-953.  
Resorcinol, 2,4-bis(phenylazo)-;  $(\text{HO})_2\text{C}_6\text{H}_3(\text{N}:\text{NC}_6\text{H}_5)_2$ .  
NT mosquito larvae. 487.
- 582-670-1012-1021.  
Cyanamide, bis(2-hydroxyethyl)-;  $(\text{CH}_2\text{OHCH}_2)_2\text{N}:\text{CN}$ . (*β,β'*-Dihydroxydiethyl cyanamide). 668P.
- 582-671-1001.  
1,3-Propanediol, 2-amino-2-methyl-;  $\text{CH}_2\text{OHC}(\text{CH}_3)(\text{NH}_2)\text{CH}_2\text{OH}$ .  
NT European corn borer. 1122.
- 582-681-975.  
Amine, bis(hydroxyaryl)-, CU. 360P.
- 582-681-1012.  
Ethanol, 2,2'-iminodi-;  $(\text{HOCH}_2\text{CH}_2)_2\text{NH}$ .  
T *Lucilia cuprina* larvae. 849.
- 582-682-652-1011.  
Ethylenediamine, *N,N'*-bis (silyl-);  $\text{HOCCl}_2\text{H}_3\text{NCH}_2\text{CH}_2\text{NHC}_6\text{H}_4\text{OH}$ . (*N,N'*-Disilyl-ethylene-diamine).  
NT corn borer. 1120.
- 582-691-961-1022.  
Ethanol, 2,2'-cyclohexyliminodi-;  $\text{C}_6\text{H}_{11}\text{N}(\text{C}_6\text{H}_4\text{OH})_2$ . (Diethanocyclohexylamine). 377P.
- 582-691-975-1027.  
Amine, alkyl-bis(hydroxyaryl)-. 360P.
- 582-702-781-975.  
Sulphides, bis(cyanohydroxyaryl)-. 383P, 1178.
- 582-730-950-1011-1021-1030.  
Cupreine, its salts and other derivatives;  $\text{C}_{22}\text{H}_{22}\text{O}_4\text{N}_2$ .  
T as mothproofing agent. 744P, 1176.
- 582-781-842-952-1021.  
*p*-Cresol, 2,2'-thiobis[6-bromo-;  $[\text{BrC}_6\text{H}_4(\text{OH})]_2\text{S}$ . (Sulphide, bis(3-bromo-2-hydroxy-5-methylphenyl). 383P, 1178.
- 582-781-844-952.  
Phenol, *o,o'*-thiobis[4,6-dibromo-;  $[\text{Br}_2\text{C}_6\text{H}_3(\text{OH})]_2\text{S}$ . (Sulphide, bis(3,5-dibromo-2-hydroxyphenyl)-).  
T staphylococci and as mothproofing agent. 383P, 1175, 1178.
- 582-781-844-952.  
Phenol, *p,p'*-thiobis[3,5-dibromo-;  $[\text{Br}_2\text{C}_6\text{H}_3(\text{OH})]_2\text{S}$ . (Sulphide, bis(3,5-dibromo-4-hydroxyphenyl)-).  
T as mothproofing agent. 383P, 1178.
- 582-781-847-952.  
Phenol, *o,o'*-thiobis[3,4,6-tribromo-;  $[\text{Br}_3\text{C}_6\text{H}_2(\text{OH})]_2\text{S}$ . (Sulphide, bis(2-hydroxy-3,5,6-tribromophenyl)-).  
T staphylococci. 383P, 1178.
- 582-781-852-952.  
Phenol, *o,o'*-thiobis[4-chloro-;  $[\text{ClC}_6\text{H}_4(\text{OH})]_2\text{S}$ .  
Sulphide, bis(5-chloro-2-hydroxyphenyl)-).  
T *Bacillus pyocyaneus* and as mothproofing agent. 383P, 1175, 1178.
- 582-781-924.  
2-Naphthol, 1,1-thiodi-;  $[\text{C}_{10}\text{H}_7(\text{OH})]_2\text{S}$ . (Sulphide, bis(2-hydroxynaphthyl-1)-). 383P, 1178.
- 582-781-924-951.  
2-Naphthol, 4-(*p*-hydroxyphenylthio)-;  $\text{HOCCl}_2\text{H}_3\text{SCl}_2\text{H}_4\text{OH}$ . (Sulphide, 4-hydroxyphenyl-3-hydroxy-1-naphthyl). 383P, 1178.
- 582-781-951-1003-1021.  
*m*-Cresol, 4,4'-thiobis[6-isopropyl-;  $[\text{C}_6\text{H}_4\text{C}_6\text{H}_3(\text{CH}_3)(\text{OH})]_2\text{S}$ . (Sulphide, bis(4-hydroxy-6-isopropyl-2-methylphenyl)-). 383P, 1178.
- 582-781-952.  
Phenol, *p,p'*-thiodi-;  $\text{S}(\text{C}_6\text{H}_4\text{OH})_2$ . (Sulphide, bis(4-hydroxyphenyl)-). 383P, 1178.
- 582-781-952.  
Phenol, *o*-(*p*-hydroxyphenylthio)-;  $\text{S}(\text{C}_6\text{H}_4\text{OH})_2$ . (Sulphide, 2,4-dihydroxydiphenyl-). 383P, 1178.

- 582-781-952-975-1022.  
Sulphides, bis(benzylhydroxyaryl)-. 383P, 1178.
- 582-781-952-1022.  
*p*-Cresol, 2,2'-thiodi-;  $[\text{CH}_3\text{C}_6\text{H}_4(\text{OH})]_2\text{S}$ .  
(Sulphide, bis(4-hydroxy-3-methylphenyl)-).  
383P, 1178.
- 582-781-954-1022.  
*o*-Cresol, 4,4'-thiobis(*o*-phenyl-;  
 $\text{S}[\text{C}_6\text{H}_4(\text{CH}_3\text{C}_6\text{H}_4\text{OH})]_2$ ). (Phenyl sulphide, bis-4-hydroxy-3-benzyl).  
T as mothproofing agent. 383P, 1175.
- 582-781-975.  
Sulphides, bis(hydroxyaryl)-.  
T clothes moths. 383P, 1178.
- 582-781-975-1113.  
Sulphides, bis(hydroxyaryl)-, arsenic acids of.  
383P, 1178.
- 582-781-1012.  
Ethanol, 2,2'-thiodi-;  $\text{HOCH}_2\text{CH}_2\text{SCH}_2\text{CH}_2\text{OH}$ .  
(Sulphide,  $\beta$ -hydroxyethyl-).  
NT eulene mosquito larvae. 172, 1178.
- 582-782-924.  
2-Naphthol, 1,1'-dithiodi-;  $[\text{C}_{10}\text{H}_7(\text{OH})]_2\text{SS}$ .  
(Disulphide, bis(2-hydroxy-1-naphthyl)-).  
383P, 1178.
- 582-783-842-952.  
Phenol, *o,o'*-trithiobis[4-bromo-;  $[\text{BrC}_6\text{H}_4(\text{OH})]_2\text{SSS}$ . (Trisulphide, bis(5-bromo-2-hydroxyphenyl)-).  
383P, 1178.
- 582-783-924.  
2-Naphthol, 1,1'-tetrathiodi-;  $\text{HO(C}_{10}\text{H}_7\text{SSSSC}_{10}\text{H}_7\text{OH})$ .  
5,5'-Dithio[1,1'-dithiobis(2-naphthol)-].  
NT mosquito larvae. 487.
- 582-783-952.  
Phenol, *o,o'*-trithiodi-;  $(\text{C}_6\text{H}_4\text{OH})_2\text{SSS}$ . (Trisulphide, bis(2-hydroxyphenyl)-). 383P, 1178.
- 582-783-1027.  
Polysulphides, bis-hydroxyaryl-. 383P, 1178.
- 582-842-852-952.  
*o,o'*-Biphenol dibromodichloro-, CU;  
 $\text{HO}(\text{Cl})(\text{Br})\text{C}_6\text{H}_3(\text{Br})\text{C}_6\text{H}_3(\text{Br})(\text{Cl})\text{OH}$ . (Dibromodichloro-2,2'-dioxidiphenyl).  
T as mothproofing agent. 412P, 1175, 1461P.
- 582-842-852-952-1021.  
Phenol, *o,o'*-methylenebis[3-bromo-5-chloro-;  
 $\text{CH}_2(\text{C}_6\text{H}_3(\text{Cl})(\text{Br})\text{OH})]_2$ . (Methane, 2,2'-dihydroxy-5,5'-dichloro-3,3'-dibromo-).  
T as mothproofing agent. 1175, 1464P.
- 582-842-852-952-1021.  
Phenol, methylenebis[bromochloro-, CU;  
 $\text{CH}_2(\text{C}_6\text{H}_3(\text{Cl})(\text{Br})\text{OH})]_2$ ? (Methane, dihydroxy-dichloro-dibromo-diphenyl).  
T as mothproofing agent. 418P, 1175.
- 582-842-952-1004-1033.  
*p,p'*-Biphenol, 3,3'-bis(2-bromoallyl)-;  
 $[\text{C}_6\text{H}_4(\text{OH})\text{CH}_2\text{C}(\text{Br})\text{CH}_3]_2$ . (Biphenyl, 3,3'-di-(2-bromoallyl)-4,4'-dihydroxy-).  
Fly spray. 112, 125P.
- 582-842-952-1021.  
Phenol, *o,o'*-methylenebis[3-bromo-;  
 $\text{CH}_2(\text{C}_6\text{H}_3(\text{Br})\text{OH})]_2$ . (Methane, 2,2'-dihydroxy-5,5'-dibromodiphenyl; 2,2'-dioxo-5,5'-dibromodiphenylmethane).  
T as mothproofing agent. 434P, 1175, 1465P.
- 582-844-952.  
*o,o'*-Biphenol, 3,3',5,5'-tetrabromo-;  
 $\text{HO}(\text{Br})\text{C}_6\text{H}_3(\text{Br})\text{C}_6\text{H}_3(\text{Br})\text{OH}$ . (3,5,5',5'-Tetrabromo-2,2'-dioxidiphenyl).  
T as mothproofing agent. 412, 1175, 1461P.
- 582-847-952-1023.  
Cresol, methylenebis[bromo-, CU?  
 $\text{CH}_2(\text{CH}_3\text{C}_6\text{H}_4(\text{Br})\text{OH})]_2$ ? (Methane, bis(hydroxy-tolyl)-, brominated).  
T as mothproofing agent. 453P, 1179.
- 582-851-951.  
Hydroquinone, chloro-, CU;  $\text{ClC}_6\text{H}_4(\text{OH})_2$ .  
T screwworms at 0.33-0.67%. 158.
- 582-851-951.  
Resorcinol, 4-chloro-;  $\text{ClC}_6\text{H}_4(\text{OH})_2$ . (1,3-Dihydroxy-4-chlorobenzene).  
ST screwworms at 0.67%. 158.
- 582-851-951-993.  
Resorcinol, chloro-(2-ethylhexyl)-, CU. 818P.
- 582-851-951-1021.  
Saligenin, 5-chloro-;  $\text{HO}(\text{Cl})\text{C}_6\text{H}_4\text{CH}_2\text{OH}$ . (Benzyl alcohol, 5-chloro-2-hydroxy).  
T as mothproofing agent. 410P, 1175.
- 582-852-924-1021.  
1-Naphthol, 2,2'-methylenebis[4-chloro-;  
 $\text{CH}_2(\text{C}_{10}\text{H}_7(\text{Cl})\text{OH})]_2$ . (Methane, 1,1'-dihydroxy-4,4'-dichloro-2,2'-dinaphthyl; 1,1'-dioxo-4,4'-dichloro-2,2'-dinaphthylmethane).  
T as mothproofing agent. 438P, 1175, 1179, 1457P.
- 582-852-951-1021.  
Saligenin, 3,5-dichloro-;  $\text{HO}(\text{Cl}_2)\text{C}_6\text{H}_3\text{CH}_2\text{OH}$ .  
Benzyl alcohol, 3,5-dichloro-2-hydroxy; 3,5-dichloro-2-oxybenzylalcohol).  
T as mothproofing agent. 410P, 415P, 1175, 1463P.
- 582-852-952.  
*o,o'*-Biphenol, dichloro-, CU;  $\text{HO}(\text{Cl})\text{C}_6\text{H}_4\text{C}_6\text{H}_4(\text{Cl})\text{OH}$ . (Dichloro-2,2'-dioxidiphenyl).  
T as mothproofing agent. 412P, 1175, 1461P.
- 582-852-952-1004-1033.  
*p,p'*-Biphenol, 3,3'-bis(2-chloroallyl)-;  
 $[\text{C}_6\text{H}_4(\text{OH})\text{CH}_2\text{C}(\text{Cl})\text{CH}_3]_2$ . (Biphenyl, 3,3'-di-(2-chloroallyl)-4,4'-dihydroxy-).  
Fly spray. 112, 125P.
- 582-852-952-1011.  
Phenol, ethylenebis[2-chloro-, CU;  
 $\text{C}_2\text{H}_5[\text{C}_6\text{H}_4(\text{Cl})\text{OH}]_2$ . (Methane bis(*o*-chlorohydroxyphenyl)-).  
T as mothproofing agent. 1179, 1459P.
- 582-852-952-1021.  
Phenol, *o,o'*-methylenebis[5-chloro-;  
 $\text{CH}_2(\text{C}_6\text{H}_4(\text{Cl})\text{OH})]_2$ . (Methane, bis(5-chloro-2-hydroxyphenyl)-; 2,2'-dioxo-5,5'-dichlorodiphenylmethane).  
T as mothproofing agent. 173, 398P, 402P, 443P, 450P, 451P, 458P, 1179, 1468P, 1408P.
- 582-852-952-1021.  
Phenol, *o,o'*-methylenebis[6-chloro-;  
 $\text{CH}_2(\text{C}_6\text{H}_4(\text{Cl})\text{OH})]_2$ . (Methane, bis(6-chloro-2-hydroxyphenyl)-).  
T as mothproofing agent. 438P, 448P, 1179.
- 582-852-952-1022.  
2,4-Xylenol, *as*-(3,5-dichloro-2-hydroxyphenyl)-;  
 $\text{CH}_2(\text{ClC}_6\text{H}_3(\text{OH})\text{C}_6\text{H}_3(\text{Cl})\text{OH})$ . (Methane, 3,5-dichloro-2,2'-dihydroxy-5'-methylidiphenyl).  
T as mothproofing agent. 1179, 1468P.
- 582-852-952-1023.  
*o*-Cresol, 6,6'-methylenebis[4-chloro-;  
 $\text{CH}_2(\text{ClC}_6\text{H}_3(\text{CH}_3)\text{OH})]_2$ . (Methane, bis(5-chloro-2-hydroxy-3-methylphenyl)-).  
T as mothproofing agent. 458P, 1165P, 1175, 1179.
- 582-852-953-1021.  
Phenol, *o,o'*-benzylidenebis[5-chloro-;  
 $\text{CH}(\text{ClC}_6\text{H}_4\text{OH})_2\text{C}_6\text{H}_5$ . (Methane, bis(5-chloro-2-hydroxyphenyl)-phenyl).  
T as mothproofing agent. 455P, 1179.
- 582-852-953-1022-1356.  
Phosphoric acid, di-*m*-chlorocresyl phenyl ester;  
 $[\text{C}_6\text{H}_4][(\text{CH}_2)(\text{OH})(\text{Cl})\text{C}_6\text{H}_4]_2\text{PO}_4$ . Monophenyl-di-*m*-chlorocresyl ester of phosphoric acid).  
T clothes moths. 877P.
- 582-853-952-1021.  
Phenol, methylenebis(trichloro-, CU. (Methane, trichlorodihydroxy-diphenyl).  
T as mothproofing agent. 1175, 1463P.
- 582-853-952-1021.  
Phenol, 8-chloro-*o,o'*-methylenebis[4-chloro-;  
 $\text{CH}_2(\text{C}_6\text{H}_3(\text{Cl}_2)\text{OH})\text{C}_6\text{H}_4(\text{Cl})\text{OH}$ . (Methane, 2,2'-dihydroxy-3,5,5'-trichlorodiphenyl).  
T as mothproofing agent. 410P, 450P, 1175, 1179.
- 582-853-953-1021.  
Phenol, 2,2'-*o*-chlorobenzylidenebis[4-chloro-;  
 $\text{CH}(\text{ClC}_6\text{H}_3\text{OH})_2\text{C}_6\text{H}_4\text{Cl}$ . (Methane, bis(5-chloro-2-hydroxyphenyl)-2'-chlorophenyl).  
T as mothproofing agent. 417P, 451P, 1175, 1179.
- 582-853-953-1021.  
Phenol, 2,2'-*p*-chlorobenzylidenebis[4-chloro-;  
 $\text{CH}(\text{ClC}_6\text{H}_4\text{OH})_2\text{C}_6\text{H}_4\text{Cl}$ . (Methane, bis(5-chloro-2-hydroxyphenyl)-4'-chlorophenyl).  
T as mothproofing agent. 451P, 458P, 1179.
- 582-853-1011.  
Chloral hydrate;  $\text{Cl}_3\text{CCH}(\text{OH})_2$ . (2,2,2-Trichloro-1,1-ethanediol; trichloroethylidene glycol).  
T *Aphis rumicis*; NT *Tenebrio molitor*. 175, 841, 1152.

- 582-854-952.  
o,o'-Biphenol, 3,3',5,5'-tetrachloro-;  
HO(Cl<sub>2</sub>)C<sub>6</sub>H<sub>2</sub>C<sub>6</sub>H<sub>2</sub>(Cl<sub>2</sub>)OH.  
T clothes moths. 412P, 1175, 1461P.
- 582-854-952-1021.  
Phenol, o,o'-methylenebis[3,5-dichloro-;  
CH<sub>2</sub>(Cl<sub>2</sub>C<sub>6</sub>H<sub>3</sub>OH)]<sub>2</sub>. (Methane, bis(3,5-dichloro-2-hydroxyphenyl)-).  
T as mothproofing agent. 435P, 436P, 443P, 455P, 458P, 1175, 1179, 1465P.
- 582-854-952-1021.  
Phenol, p,p'-methylenebis[3,5-dichloro-; CH<sub>2</sub>(Cl<sub>2</sub>C<sub>6</sub>H<sub>3</sub>OH)]<sub>2</sub>. (Methane, bis(3,5-dichloro-4-hydroxyphenyl)-).  
T as mothproofing agent. 438P, 1175, 1179, 1457P.
- 582-854-953-1021.  
Phenol, benzylidenebis(dichloro-). CU. (Methane, dihydroxy tetrachloro-triphenyl).  
T as mothproofing agent. 417P, 1175.
- 582-854-953-1021.  
Phenol, 2,2'-(2,6-dichlorobenzylidene)bis(5-chloro-; CH(Cl<sub>2</sub>C<sub>6</sub>H<sub>3</sub>OH)<sub>2</sub>C<sub>6</sub>H<sub>4</sub>Cl<sub>2</sub>). (Methane, bis(5-chloro-2-hydroxyphenyl)-2',6'-dichlorophenyl)-).  
T as mothproofing agent. 443P, 451P, 1170.
- 582-855-953-1021.  
Phenol, 2,2'-(o-chlorobenzylidene)bis[3,5-dichloro-; CH(Cl<sub>2</sub>C<sub>6</sub>H<sub>3</sub>OH)<sub>2</sub>C<sub>6</sub>H<sub>4</sub>Cl]. (Methane, bis(3,5-dichloro-2-hydroxyphenyl)-2',6'-dichlorophenyl)-).  
T as mothproofing agent. 443P, 452P, 1175, 1179, 1463P.
- 582-855-952-1021.  
Phenol, m,m'-methylenebis[2,4,6-trichloro-; CH<sub>2</sub>(C<sub>6</sub>H<sub>2</sub>(Cl<sub>3</sub>)OH)]<sub>2</sub>. (Methane, bis(2,4,6-trichloro-3-hydroxyphenyl)-; 3,3'-dihydroxy-2,2',4,4',6,6'-hexachlorodiphenylmethane).  
T as mothproofing agent. 439P, 1179, 1453P, 1454P.
- 582-856-953-1021.  
Phenol, 2,2'-(2,4-dichlorobenzylidene)bis[3,5-dichloro-; CH(Cl<sub>2</sub>C<sub>6</sub>H<sub>3</sub>OH)<sub>2</sub>C<sub>6</sub>H<sub>4</sub>Cl<sub>2</sub>. (Methane, bis(3,5-dichloro-2-hydroxyphenyl)-2',4'-dichlorophenyl)-).  
T as mothproofing agent. 444P, 1179.
- 582-856-953-1021.  
Phenol, 2,2'-(2,6-dichlorobenzylidene)bis[3,5-dichloro-; CH(Cl<sub>2</sub>C<sub>6</sub>H<sub>3</sub>OH)<sub>2</sub>C<sub>6</sub>H<sub>4</sub>Cl<sub>2</sub>. (Methane, bis(3,5-dichloro-2-hydroxyphenyl)-2',6'-dichlorophenyl)-).  
T as mothproofing agent. 443P, 444P, 451P, 452P, 1179.
- 582-857-952-1021.  
Phenol, o,o'-chloromethylenebis[3,5-dichloro-; CU. (Methane, bis(3,5-dichloro-2-hydroxyphenyl)-, chlorinated).  
T as mothproofing agent. 455P, 1179.
- 582-862-952-1021.  
Phenol, o,o'-methylenebis[5-fluoro-; CH<sub>2</sub>(C<sub>6</sub>H<sub>4</sub>(F)OH)]<sub>2</sub>. (Methane, bis(5-fluoro-2-hydroxyphenyl)-).  
T as mothproofing agent. 449P, 1179.
- 582-924.  
1,4-Naphthalenediol; C<sub>10</sub>H<sub>6</sub>(OH)<sub>2</sub>. (1,4-Naphthendiol; d-hydronaphthoquinone; 1,4-hydronaphthoquinone).  
NT clothes moths. 739, 1176.
- 582-924.  
2,7-Naphthalenediol; C<sub>10</sub>H<sub>6</sub>(OH)<sub>2</sub>. (2,7-Dihydroxynaphthalene).  
MT as mothproofing agent. 239.
- 582-924.  
1,1'-Bi-2-naphthol; [C<sub>10</sub>H<sub>7</sub>(OH)]<sub>2</sub>.  
HT *Carpocapsa pomonella* larvae; MT mosquito larvae. 487, 1291.
- 582-924.  
Bi-2-naphthol-; CU? HOC<sub>10</sub>H<sub>6</sub>C<sub>10</sub>H<sub>6</sub>OH. (β,β'-Dinaphthol).  
NT *Cochliomyia americana* C. and P. 944.
- 582-951.  
Pyrocatechol; C<sub>6</sub>H<sub>4</sub>(OH)<sub>2</sub>. (Pyrocatechin; 1,2-dihydroxybenzene; catechol; ortho-dioxybenzene; oxyphenic acid; 1,2-phenediol; pyrocatechic acid).  
T screwworms and as mothproofing agent; MT *Aphis rumicis*; ST Colorado potato beetle and Mexican bean beetle; NT *Tineola biselliella* and *Attagenus piceus* (739). 156, 175, 239, 559, 606, 739, 1176, 1377.
- 582-951.  
Resorcinol; C<sub>6</sub>H<sub>4</sub>(OH)<sub>2</sub>. (1,3-Benzenediol; resorcin).  
T screwworms, *Aphis rumicis*, and as mothproofing agent. 158, 404P, 870P, 1152, 1175, 1179, 1388P, 1407.
- 582-951.  
Hydroquinone; C<sub>6</sub>H<sub>4</sub>(OH)<sub>2</sub>. (1,4-Dihydroxybenzene; hydroquinol; para-dioxybenzene; p-dioxybenzol).  
T screwworms and Japanese beetle; NT *Tineola biselliella*, *Attagenus piceus*, and NT corn borer at 4 lbs./100 gal. 156, 494, 739, 1122, 1176.
- 582-951-1000.  
Hydroquinone, diamyl-, CU; [CH<sub>2</sub>CH<sub>2</sub>C(CH<sub>3</sub>)<sub>2</sub>]<sub>2</sub>C<sub>6</sub>H<sub>4</sub>(OH)<sub>2</sub>.  
MT codling moth larvae; NT *Bombus mori* larvae. 559, 1291.
- 582-951-1022.  
Hydroquinone, dimethyl-, CU; (CH<sub>3</sub>)<sub>2</sub>C<sub>6</sub>H<sub>3</sub>(OH)<sub>2</sub>.  
NT *Bombus mori* larvae. 561.
- 582-952.  
o,o'-Biphenol; HOC<sub>6</sub>H<sub>4</sub>C<sub>6</sub>H<sub>4</sub>OH. (o,o'-Dioxydiphenyl).  
T as mothproofing agent. 412P, 1175, 1461P.
- 582-952-961.  
Phenol,p,p'-cyclohexylidenedi-? C<sub>6</sub>H<sub>10</sub>(C<sub>6</sub>H<sub>4</sub>OH)<sub>2</sub>. (Cyclohexane, 4,4'-dihydroxydiphenyl; 4,4'-dioxydiphenylcyclohexane).  
T as mothproofing agent. 94P, 405P, 1175, 1362P.
- 582-952-961-1021.  
Phenol,p,p'-(4-methylcyclohexylidene)di-; CH<sub>3</sub>C<sub>6</sub>H<sub>4</sub>(C<sub>6</sub>H<sub>4</sub>OH)<sub>2</sub>. (Cyclohexane, 4,4'-dihydroxy-1,1'-diphenyl-4'-methyl).  
T as mothproofing agent. 401P, 405P, 1175.
- 582-952-961-1022.  
o-Cresol, 4,4'-cyclohexylidenedi-; C<sub>6</sub>H<sub>10</sub>(C<sub>6</sub>H<sub>3</sub>(CH<sub>3</sub>)OH)<sub>2</sub>. (Cyclohexane, 4,4'-dihydroxy-3,3'-dimethyl-diphenyl-1,1'-).  
T as mothproofing agent. 401P, 405P, 1175.
- 582-952-996-1033.  
p,p'-Biphenol, 3,3'-bis(2-isobutylallyl)-; [-C<sub>6</sub>H<sub>4</sub>(OH)CH<sub>2</sub>(C(CH<sub>3</sub>)<sub>2</sub>CH<sub>2</sub>CH<sub>3</sub>)<sub>2</sub>]<sub>2</sub>. (Biphenol, 3,3'-di-(2-isobutylallyl)-4,4'-dihydroxy-).  
Fly spray. 112, 125P.
- 582-952-998-1033.  
p,p'-Biphenol, 3,3'-bis(1-propylallyl)-; [-C<sub>6</sub>H<sub>4</sub>(OH)CH(CH<sub>3</sub>)CH<sub>2</sub>CH<sub>3</sub>]<sub>2</sub>. (Biphenyl, 3,3'-di(1-propylallyl)-4,4'-dihydroxy-).  
Fly spray. 112, 125P.
- 582-952-998-1033.  
p,p'-Biphenol, 3,3'-bis(3-propylallyl)-; [-C<sub>6</sub>H<sub>4</sub>(OH)CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>CH<sub>3</sub>]<sub>2</sub>. (Biphenyl, 3,3'-di(3-propylallyl)-4,4'-dihydroxy-).  
Fly spray. 112, 125P.
- 582-952-1000-1033.  
p,p'-Biphenol, 3,3'-bis(1-methyl-2-butenyl)-; [-C<sub>6</sub>H<sub>4</sub>(OH)CH(CH<sub>3</sub>)CH=CHCH<sub>3</sub>]<sub>2</sub>. (4,4'-Dihydroxy-3,3'-bis(1-methyl-2-butenyl)-).  
Fly spray. 95P, 112.
- 582-952-1000-1033.  
p,p'-Biphenol, 3,3'-bis(1-ethylallyl)-; [-C<sub>6</sub>H<sub>4</sub>(OH)CH(CH<sub>3</sub>)CH<sub>2</sub>CH<sub>3</sub>]<sub>2</sub>. (Biphenyl, 3,3'-di(1-ethylallyl)-4,4'-dihydroxy-).  
Fly spray. 112, 125P.
- 582-952-1000-1033.  
p,p'-Biphenol, 3,3'-bis(2-pentenyl)-; [-C<sub>6</sub>H<sub>4</sub>(OH)CH<sub>2</sub>CH=CHC<sub>2</sub>H<sub>5</sub>]<sub>2</sub>. (Biphenyl, 4,4'-dihydroxy-3,3'-di(2-pentenyl)-).  
Fly spray. 112, 125P.
- 582-952-1002-1033.  
p,p'-Biphenol, 3,3'-bis(1-methylallyl)-; [-C<sub>6</sub>H<sub>4</sub>(OH)CH(CH<sub>3</sub>)CH=CH<sub>2</sub>]<sub>2</sub>. (Biphenyl, 3,3'-di(1-methylallyl)-4,4'-dihydroxy-).  
Fly spray. 112, 125P.
- 582-952-1002-1033.  
p,p'-Biphenol, 3,3'-bis(2-methylallyl)-; [-C<sub>6</sub>H<sub>4</sub>(OH)CHC(CH<sub>3</sub>)<sub>2</sub>CH<sub>3</sub>]<sub>2</sub>. (Biphenyl, 3,3'-di(2-methylallyl)-4,4'-dihydroxy-).  
Fly spray. 112, 125P.
- 582-952-1003.  
Catechol, 4-(α-phenylisopropyl)-; (OH)<sub>2</sub>C<sub>6</sub>H<sub>3</sub>C(CH<sub>3</sub>)<sub>2</sub>C<sub>6</sub>H<sub>5</sub>. 1089P.
- 582-952-1003.  
Hydroquinone, 2-(α-phenylisopropyl)-; (OH)<sub>2</sub>C<sub>6</sub>H<sub>3</sub>C(CH<sub>3</sub>)<sub>2</sub>C<sub>6</sub>H<sub>5</sub>. 1089P.

- 582-952-1003.  
Resorcinol, 4-( $\alpha$ -phenylisopropyl)-;  
(OH) $_2$ C<sub>6</sub>H<sub>3</sub>C(CH<sub>3</sub>) $_2$ C<sub>6</sub>H<sub>5</sub>, 1089P.
- 582-952-1003.  
Phenol, *p,p'*-isopropylidenedi-; (CH<sub>3</sub>) $_2$ C(C<sub>6</sub>H<sub>4</sub>OH) $_2$ .  
(Di-(4-hydroxyphenyl) dimethylmethane). 300P.
- 582-952-1004-1027-1033.  
*p,p'*-Biphenol, 3,3'-dialkenyl-, CU;  
[C<sub>6</sub>H<sub>4</sub>(OH)CH(R)C(R') $_2$ CH(R'') $_2$ ]. (Biphenyl, 3,3'-dialkenyl-4,4'-dihydroxy-; 3,3'-dialkenyl-4,4'-dihydroxydiphenyl).  
Fly spray. 112, 125P.
- 582-952-1004-1033.  
*p,p'*-Biphenol, 3,3'-diallyl-; [C<sub>6</sub>H<sub>4</sub>(OH)CH<sub>2</sub>CH=CH] $_2$ .  
(Biphenyl, 3,3'-diallyl-4,4'-dihydroxy-).  
Fly spray. 112, 125P.
- 582-952-1023.  
*p*-Cresol, 2,2'-methylenebis-; CH<sub>3</sub>[C<sub>6</sub>H<sub>3</sub>(CH<sub>3</sub>)OH] $_2$ .  
(Methane, 3,3'-dimethyl-6,6'-dihydroxydiphenyl;  
3,3'-dimethyl-6,6'-dioxydiphenylmethane).  
T as mothproofing agent. 37P, 1175.
- 582-954-1004-1033.  
*p,p'*-Biphenol, 3,3'-bis(1-phenylallyl)-;  
[C<sub>6</sub>H<sub>4</sub>(OH)CH(C<sub>6</sub>H<sub>5</sub>)CH<sub>2</sub>CH<sub>2</sub>] $_2$ . (Biphenyl, 3,3'-di-(1-phenylallyl)-4,4'-dihydroxy-; 3,3'-di-(1-phenylallyl)-4,4'-dihydroxy-diphenyl).  
Fly spray. 112, 125P.
- 582-956-1022.  
Resorcinol, dihydrodimethyl-, CU; (HO) $_2$ C<sub>6</sub>H<sub>4</sub>-(CH<sub>3</sub>) $_2$ .  
NT silkworms. 292, 559.
- 582-997.  
Pinacone; (CH<sub>3</sub>) $_2$ C(OH)COH(CH<sub>3</sub>) $_2$ . (2,3-Dimethyl-2,3-butanediol; tetramethylene glycol; pinacone). 698P.
- 582-1003-1260.  
Triglycerol-orthoarsenite?  
(CH<sub>3</sub>(OH)CH(OH)CH<sub>2</sub>O) $_2$ As $_2$  1132P.
- 582-1003-1260.  
Diglycerol-orthoarsenite;  
(CH<sub>3</sub>(OH)CH(OH)CH<sub>2</sub>O) $_2$ AsOH. 1132P.
- 582-1003-1260.  
Monoglycerol-orthoarsenite;  
CH<sub>3</sub>(OH)CH(OH)CH<sub>2</sub>OAsO $_2$ H $_2$ . 1132P.
- 582-1003-1261.  
Monoglycerol-metaarsenite;  
CH<sub>3</sub>(OH)CH(OH)CH<sub>2</sub>OAsO. 1132P.
- 583-593-822-953-1023.  
 $\alpha$ -Trithiane, tris-(4-hydroxy-3-methoxyphenyl)-;  
C<sub>6</sub>H<sub>5</sub>OAs $_3$ . (Trithiovanillin).  
HT codling moth larvae; NT mosquito larvae.  
487, 1291.
- 583-691-1013.  
Triethanolamine; (HOCH<sub>2</sub>CH<sub>2</sub>) $_3$ N.  
T *Lucilia cuprina* larvae. 549.
- 583-691-1013-1313.  
Triethanolamine fluosilicate; (HOC<sub>2</sub>H<sub>4</sub>) $_3$ NH<sub>4</sub>SiF<sub>6</sub>?  
(Triethylamine,  $\beta,\beta,\beta'$ -trihydroxy-, fluosilicate).  
T as mothproofing agent. 1179, 1225P, 1228P.
- 583-801-953-1291.  
Sulfonium chloride, tris(*p*-hydroxyphenyl)-;  
(HOC<sub>6</sub>H<sub>4</sub>) $_3$ SCl. 526P.
- 583-851-951-1022.  
2,6-Xylenol, 4-chloro- $\alpha,\alpha'$ -dihydroxy-;  
ClC<sub>6</sub>H<sub>3</sub>(CH<sub>3</sub>OH) $_2$ OH. (Phenol, 2,6-dimethylol-4-chloro-).  
T as mothproofing agent. 1175, 1464P.
- 583-852-953-1023.  
Mesitol,  $\alpha,\alpha'$ -bis(5-chloro-2-hydroxyphenyl)-;  
CH<sub>3</sub>C<sub>6</sub>H<sub>3</sub>(CH<sub>3</sub>C<sub>6</sub>H<sub>3</sub>(Cl)OH) $_2$ OH. (Phenol, 2,6-bis(5-chloro-2-hydroxybenzyl)-4-methyl-).  
T as mothproofing agent. 454P, 1179.
- 583-852-953-1025.  
Mesitol,  $\alpha,\alpha'$ -bis(5-chloro-2-hydroxy-*m*-tolyl)-;  
CH<sub>3</sub>C<sub>6</sub>H<sub>3</sub>(CH<sub>3</sub>C<sub>6</sub>H<sub>3</sub>(CH<sub>3</sub>)(Cl)OH) $_2$ OH. (Phenol, 2,6-bis(5-chloro-2-hydroxy-3-methylbenzyl)-4-methyl-).  
T as mothproofing agent. 454P, 1179.
- 583-853-953-1022.  
Phenol, 4-chloro-2,6-bis(5-chloro-2-hydroxybenzyl)-;  
ClC<sub>6</sub>H<sub>3</sub>(CH<sub>3</sub>C<sub>6</sub>H<sub>3</sub>(Cl)OH) $_2$ OH.  
T as mothproofing agent. 453P, 1179.
- 583-854-953-1021.  
*m*-Cresol,  $\alpha,\alpha'$ -bis(5-chloro-2-hydroxyphenyl)-2,4-dichloro-; CH(ClC<sub>6</sub>H<sub>4</sub>OH) $_2$ C<sub>6</sub>H<sub>3</sub>(Cl) $_2$ OH.  
(Methane, bis(5-chloro-2-hydroxyphenyl)-2',6'-dichloro-3'-hydroxyphenyl-).  
T as mothproofing agent. 458P, 1179.
- 583-855-953-1021.  
*m*-Cresol,  $\alpha,\alpha'$ -bis(5-chloro-2-hydroxyphenyl)-2,4,6-trichloro-; CH(ClC<sub>6</sub>H<sub>4</sub>OH) $_2$ C<sub>6</sub>H<sub>3</sub>(Cl) $_3$ OH.  
(Methane, bis(5-chloro-2-hydroxyphenyl)-2',4',6'-trichloro-3'-hydroxyphenyl-).  
T as mothproofing agent. 458P, 1179.
- 583-855-953-1022.  
Phenol, 4-chloro-2,6-bis(3,5-dichloro-4-hydroxybenzyl)-; ClC<sub>6</sub>H<sub>3</sub>(CH<sub>3</sub>C<sub>6</sub>H<sub>3</sub>(Cl) $_2$ OH) $_2$ OH.  
T as mothproofing agent. 453P, 1179.
- 583-857-953-1021.  
*m*-Cresol,  $\alpha,\alpha'$ -bis(3,5-dichloro-2-hydroxyphenyl)-2,4,6-trichloro-; CH(ClC<sub>6</sub>H<sub>3</sub>(Cl) $_2$ OH) $_2$ C<sub>6</sub>H<sub>3</sub>(Cl) $_3$ OH.  
(Methane, 2,2'-dihydroxy-3,5,3',5'-tetrachloro-3'-hydroxy-2'',4'',6''-trichlorotriphenyl; 2,2'-dioxo-3,5,5'-5'-tetrachloro-3'-oxy-2'',4'',6''-trichlorotriphenylmethane).  
T as mothproofing agent. 434P, 1175, 1465P.
- 583-910.  
9-Anthrol, 1,8-dihydroxy-; C<sub>14</sub>H<sub>8</sub>(OH) $_2$ .  
(1,8-Dihydroxyanthracene). 584P.
- 583-951.  
Pyrogallol; C<sub>6</sub>H<sub>3</sub>(OH) $_3$ . (1,2,3-Trihydroxybenzene; 1,2,3-benzenetriol).  
T screwworms at 0.33-0.67%; MT *Aphis rumicis*; NT *Hippodamia convergens*. 156, 1110, 1152, 1377.
- 583-951.  
Phloroglucinol; C<sub>6</sub>H<sub>3</sub>(OH) $_3$ . (1,3,5-Trihydroxybenzene; 1,3,5-benzenetriol).  
T *Aphis rumicis* and T screwworms at 0.33-0.67%. 156, 1152.
- 583-1003.  
Glycerol; HOCH<sub>2</sub>CH(OH)CH<sub>2</sub>OH. (Glycerine).  
T bedbugs and as mothproofing agent. 1179, 1268, 1282P.
- 584-591-620-625-998.  
Sucrose; C<sub>12</sub>H<sub>22</sub>O<sub>11</sub>.  
(Cane sugar; saccharose).  
NT *Lucilia cuprina*, *L. sericata*, and *Calliphora vicina*. 918.
- 584-665-952.  
Pyrogallol, (*p*-hydroxyphenylazo)-, CU;  
C<sub>12</sub>H<sub>10</sub>N<sub>2</sub>O<sub>4</sub>.  
HT mosquito larvae. 487.
- 584-781-975.  
Sulphides, bis(polyhydroxyaryl)-. 383P, 1178.
- 584-854-952-1021.  
Resorcinol, 2,2'-methylenebis 3,5-dichloro-; CH<sub>3</sub>[C<sub>6</sub>H<sub>3</sub>(Cl) $_2$ (OH)] $_2$ . (Methane, 2,6,2',6'-tetrachloro-3,5,3',5'-tetrachloro-diphenyl; 2,6,2',6'-tetraoxy-3,5,3',5'-tetrachlorodiphenylmethane).  
T as mothproofing agent. 434P, 1175, 1465P.
- 584-881-952-1021-1027.  
Phenol, alkylaryl-, CU; C<sub>6</sub>H<sub>5</sub>C(R)(CH<sub>3</sub>)X.  
An alkyl polyhydric phenol corresponding to the general formula above, wherein X is a phenolic radical selected from the class consisting of polyhydroxy aryl and polyhydroxy haloaryl radicals of the benzene series, and R is a lower alkyl radical. 1069P.
- 588-733-1109.  
Cyanuric acid, ammonium salt; (CNOH) $_3$ (NH<sub>4</sub>) $_3$ .  
T *Aphis rumicis*. 1152.
- 588-851-952-1218.  
Phenol, 2-chloro-6-phenyl-, sodium derivative;  
ClC<sub>6</sub>H<sub>4</sub>(C<sub>6</sub>H<sub>5</sub>)ONa. (Sodium-2-chloro-6-phenylphenoxide).  
HT mosquito larvae. 487.
- 588-852-951-1142-1389.  
Phenol, 2,4-dichloro-, copper sulfate derivative;  
Cl<sub>2</sub>C<sub>6</sub>H<sub>3</sub>OH.CuSO $_4$ . 362P.
- 588-852-951-1244-1291.  
Phenol, 2,4-dichloro-, zinc chloride derivative;  
Cl<sub>2</sub>C<sub>6</sub>H<sub>3</sub>OH.ZnCl $_2$ . 362P.
- 588-853-951-1021-1142-1389.  
*p*-Cresol, 2,3,6-trichloro-, copper sulfate derivative;  
Cl<sub>3</sub>C<sub>6</sub>H<sub>3</sub>(CH<sub>3</sub>)OH.CuSO $_4$ . (Copper sulfate of 2,3,5-trichloro-4-hydroxy-1-methylbenzene). 362P.
- 588-853-951-1021-1244-1291.  
*p*-Cresol, 2,3,6-trichloro-, zinc chloride derivative;  
Cl<sub>3</sub>C<sub>6</sub>H<sub>3</sub>(CH<sub>3</sub>)OH.ZnCl $_2$ . (Zinc chloride of 2,3,5-trichloro-4-hydroxy-1-methylbenzene). 362P.

- 588-853-951-1244.  
Phenol, 2,4,5-trichloro-, zinc salt;  $(\text{Cl}_3\text{C}_6\text{H}_3\text{O})_2\text{Zn}$ . 969P.
- 588-854-951-1218.  
Phenol, 2,3,4,5-tetrachloro-, sodium derivative;  $\text{Cl}_4\text{C}_6\text{HONa}$ . (Sodium 2,3,4,5-tetrachlorophenoxide). MT mosquito larvae. 487.
- 588-881-951-1142.  
Phenols, substituted, copper derivatives. (Copper salts of halogen substituted phenols and cresols).  
T as mothproofing agent. 40P, 758P, 1176.
- 588-951-1021-1126.  
Cresol, calcium derivative, CU. (Calcium cresolate).  
T flea beetle on root plants. 10P.
- 588-951-1021-1176-1303.  
Cresol, cyanomercury derivative, CU;  
 $\text{Hg}(\text{CN})(\text{OC}_6\text{H}_4\text{CH}_3)$ . (Mercury cresolecyanide). 379P.
- 588-951-1021-1356.  
Phosphoric acid, m-cresyl ester;  $\text{PO}(\text{OC}_6\text{H}_4\text{CH}_3)_2(\text{OH})_2$ .  
T clothes moths. 877P.
- 588-951-1021-1356.  
Phosphoric acid, p-cresyl ester;  $\text{PO}(\text{OC}_6\text{H}_4\text{CH}_3)_2(\text{OH})_2$ .  
T clothes moths. 877P.
- 588-951-1413.  
Thiophosphoric acid, cresyl ester, CU. (Cresol, thiophosphoric acid ester).  
Used to increase the floatability on water of Paris green for killing Anopheline larvae. 1027P, 1178.
- 588-952-1218.  
Phenol, o-phenyl-, sodium derivative;  $\text{C}_6\text{H}_5\text{C}_6\text{H}_4\text{ONa}$ . (o-Hydroxydiphenyl sodium salt).  
T screwworms at 0.33-0.67%; NT codling moth. 156, 930.
- 588-953-1021-1356.  
Phosphoric acid, diphenyl o-cresyl ester;  
 $\text{PO}(\text{C}_6\text{H}_5\text{O})_2\text{C}_6\text{H}_4\text{OCH}_3$ .  
T clothes moths. 877P.
- 588-989-1045.  
Dodecyl alcohol, metallic derivatives, CU;  
 $\text{C}_{12}\text{H}_{25}\text{OM}$ .  
T lower forms of life. 107P.
- 591-620-950.  
Ether, bis(9-xanthyl)-;  $(\text{C}_6\text{H}_4\text{OC}_6\text{H}_4\text{CH}_3)_2\text{O}$ .  
NT mosquito larvae. 487, 1291.
- 591-632-851-951-1021.  
Ether, p-chlorophenyl-2,3-epoxypropyl-;  
 $(\text{C}_6\text{H}_5\text{O})\text{CH}_2\text{OC}_6\text{H}_4\text{Cl}$ . (Oxirane, 2-(p-chlorophenoxy-methyl)-; 1-(4-chloro-phenoxy)-propylene oxide-2,3).  
Fly spray. 14P, 112.
- 591-632-855-951-1021.  
Ether, 2,3-epoxy-2-methylpropyl pentachlorophenyl-;  
 $\text{CH}_3(\text{C}_6\text{H}_2\text{O})\text{CH}_2\text{OC}_6\text{Cl}_5$ . (Oxirane, 2-methyl-2-(pentachlorophenoxy-methyl)-; 1-(pentachlorophenoxy)-2-methyl-propylene oxide-2,3).  
Fly spray. 14P, 112.
- 591-632-855-951-1021.  
Ether, 2,3-epoxypropyl pentachlorophenyl-;  
 $(\text{C}_6\text{H}_5\text{O})\text{CH}_2\text{OC}_6\text{Cl}_5$ . (Oxirane, 2-(pentachlorophenoxy-methyl)-; 1-(pentachloro-phenoxy)-propylene oxide-2,3).  
MT as fly spray. 14P, 112.
- 591-632-887-951-1021-1027.  
Ether, 2,3-epoxy-2-methylpropyl halophenyl-, CU;  
 $\text{CH}_3(\text{C}_6\text{H}_5\text{O})\text{CH}_2\text{OC}_6\text{Xn}$ . (Oxirane, halogenated phenoxy-methyl; halogenated phenoxy propylene oxide).  
Fly spray. 14P, 112.
- 591-632-951-961-1021.  
Ether, 2,3-epoxypropyl o-phenylcyclohexyl-;  
 $(\text{C}_6\text{H}_5\text{O})\text{CH}_2\text{OC}_6\text{H}_9\text{C}_6\text{H}_9$ . (1-(2-Phenyl-cyclohexanoxy)-propylene-oxide-2,3). 1300P.
- 591-632-951-961-1021.  
Ether, o-cyclohexylphenyl 2,3-epoxypropyl-;  
 $(\text{C}_6\text{H}_5\text{O})\text{CH}_2\text{OC}_6\text{H}_9\text{C}_6\text{H}_{11}$ . 1-(2-Cyclohexyl-phenoxy)-propylene-oxide-2,3). 1300P.
- 591-632-951-993-1021.  
Ether, 2,3-epoxypropyl p-tert-octylphenyl-;  
 $(\text{C}_6\text{H}_5\text{O})\text{CH}_2\text{OC}_6\text{H}_4\text{C}_8\text{H}_{17}$ . (Oxirane, 2-(p-tert-octylphenoxy-methyl)-; 1-(4-tertiary-octyl-phenoxy)-propylene oxide-2,3).  
Fly spray. 112, 1301P.
- 591-632-951-1001-1021.  
Ether, p-tert-butylphenyl 2,3-epoxypropyl-;  
 $(\text{C}_6\text{H}_5\text{O})\text{CH}_2\text{OC}_6\text{H}_4\text{C}(\text{CH}_3)_3$ . (Oxirane, 2-(p-tert-butylphenoxy-methyl)-; 1-(4-tertiary butylphenoxy)-propylene oxide-2,3).  
HT houseflies at 3%. 112, 1301P.
- 591-632-951-1021-1027.  
Ether, alkylphenyl 2,3-epoxymethylpropyl-;  
 $\text{R}'(\text{C}_6\text{H}_5\text{O})\text{CH}_2\text{OC}_6\text{H}_4\text{R}$ . (Oxirane, alkylphenoxy methyl; alkylphenoxy propylene oxide). Wherein R represents an unsubstituted alkyl radical containing 4 to 8 carbon atoms, and R' is hydrogen or a methyl radical.  
Fly spray. 112, 1301P.
- 591-632-961-1021.  
Ether, cyclohexyl 2,3-epoxypropyl-;  
 $(\text{C}_6\text{H}_5\text{O})\text{CH}_2\text{OC}_6\text{H}_{11}$ . 1-(Cyclohexanoxy)-propylene oxide-2,3). 1300P.
- 591-655-952-1011.  
Hydrazobenzene, p-ethoxy-;  $\text{C}_6\text{H}_5\text{NHNHC}_6\text{H}_4\text{OC}_2\text{H}_5$ .  
T young screwworm larvae at 10%. 944.
- 591-665-671-952-1021.  
o-Anisidine, 4-phenylazo-;  $\text{C}_6\text{H}_5\text{N}:\text{NC}_6\text{H}_4(\text{NH}_2)\text{OCH}_3$ . (2-Amino-5-azoanisole).  
NT *Bombyx mori* larvae. 559.
- 591-665-852-924-951-1021.  
Ether, [4-(2,5-dichlorophenylazo) - 1-naphthyl]methyl-;  $\text{Cl}_2\text{C}_6\text{H}_3\text{N}:\text{NC}_{10}\text{H}_7\text{OCH}_3$ .  
NT mosquito larvae. 487.
- 591-665-952-1011.  
Azobenzene, p-ethoxy-;  $\text{C}_6\text{H}_5\text{N}:\text{NC}_6\text{H}_4\text{OC}_2\text{H}_5$ .  
T young screwworm larvae at .08%. 944.
- 591-671-851-951-1003-1030.  
Aniline, p-(2-chloroallyloxy);  $\text{H}_2\text{NC}_6\text{H}_4\text{OCH}_2\text{C}(\text{Cl})=\text{CH}_2$ . (Propene, 3-(p-aminophenoxy)-2-chloro-; 2-chloroallyl ether of 4-aminophenol).  
Fly spray. 112, 209P.
- 591-671-951-1011.  
m-Phenetidine;  $\text{C}_6\text{H}_5\text{OC}_6\text{H}_4\text{NH}_2$ .  
T screwworms at 0.33-0.67%; MT *Culex quinquefasciatus* larvae. 156, 157.
- 591-671-951-1011.  
o-Phenetidine;  $\text{C}_6\text{H}_5\text{OC}_6\text{H}_4\text{NH}_2$ . (o-Ethoxyaniline; o-aminophenetole).  
T screwworms at 0.17-0.33%. 156.
- 591-671-951-1011.  
p-Phenetidine;  $\text{C}_6\text{H}_5\text{OC}_6\text{H}_4\text{NH}_2$ . (p-Ethoxyaniline).  
T codling moth, as mothproofing agent, and T screwworms at 0.10-0.17%; MT *Culex quinquefasciatus* larvae; NT *Melanophus m. mexicanus*. 156, 157, 333P, 915, 1150, 1176.
- 591-671-951-1011-1312.  
Phenetidine hydrofluoride, CU;  $\text{C}_6\text{H}_5\text{OC}_6\text{H}_4\text{NH}_2\text{BF}$ .  
NT *Tineola biselliella* and *Attagenus piceus*. 739, 1176.
- 591-671-951-1021.  
m-Anisidine;  $\text{CH}_3\text{OC}_6\text{H}_4\text{NH}_2$ . (m-Methoxyaniline).  
T screwworms at 0.17-0.33%; NT red scale. 156, 268.
- 591-671-951-1021.  
o-Anisidine;  $\text{CH}_3\text{OC}_6\text{H}_4\text{NH}_2$ . (o-Methoxyaniline).  
T codling moth and T screwworms at 0.17-0.33%; NT red scale and silkworm larvae. 156, 268, 561, 915.
- 591-671-951-1021.  
p-Anisidine;  $\text{CH}_3\text{OC}_6\text{H}_4\text{NH}_2$ . (p-Methoxyaniline).  
T screwworms at 0.10-0.17%; NT corn borer at 4 lbs./100 gal. 156, 1122.
- 591-671-952-1021-1027.  
Ethers, amino-substituted phenyl benzyl-.  
Fly spray. 112, 696P.
- 591-671-952-1021-1291.  
p-Anisidine, a-phenyl-, hydrochloride;  
 $\text{C}_6\text{H}_5\text{CH}_2\text{OC}_6\text{H}_4\text{NH}_2\text{HCl}$ . (Aniline, 4-phenylmethoxy-, hydrochloride).  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 591-681-952-1001-1021-1030.  
p-Anisidine, N-(2-methylallyl)-a-phenyl-;  
 $\text{C}_6\text{H}_5\text{CH}_2\text{OC}_6\text{H}_4\text{NHCH}_2\text{C}(\text{CH}_3)=\text{CH}_2$ . (Aniline, 4-phenylmethoxy-N-(2-methylallyl)-).  
Fly spray. 112, 696P.

- 591-681-952-1003.  
Diphenylamine, *p*-isopropoxy;  $(\text{CH}_3)_2\text{CHOCC}_6\text{H}_5\text{-NHCC}_6\text{H}_5$ .  
HT corn borer. 1120.
- 591-681-953-1022.  
Benzylamine, *N*-(*p*-phenylmethoxyphenyl)-;  
 $\text{C}_6\text{H}_5\text{CH}_2\text{OCC}_6\text{H}_4\text{NHCCH}_2\text{C}_6\text{H}_5$ . (*p*-Benzyl amino phenyl benzyl ether).  
Fly spray. 96P, 112, 688P, 690P, 693P, 694P, 696P.
- 591-682-800-953-1011.  
Diphenylamine, *p*-ethoxyphenylamino, sulfurized, CU.  
NT Mexican bean beetle. 606, 1432.
- 591-691-742-951-1024.  
Pyrimidone;  $(\text{CH}_3)_2\text{N}(\text{C}_6\text{H}_5)(\text{O})(\text{CH}_2)_2\text{C}_6\text{H}_5$ .  
(4-Dimethylaminoantipyrine; 1,5-dimethyl, 2-phenyl, 4-dimethylamino-3-pyrazolone).  
T *Aphis rumicis*. 1152.
- 591-691-952-993-1024.  
Benzylamine, *N,N*-dimethyl-5-octyl-2-phenylmethoxy-;  
 $\text{C}_6\text{H}_5\text{CH}_2\text{OCC}_8\text{H}_{17}\text{N}(\text{CH}_3)_2(\text{C}_6\text{H}_5)_2$ .  
Fly spray. 96P, 112, 688P, 690P, 693P, 694P, 696P.
- 591-691-954-1012-1193-1325.  
Phosphonium hydroxide, *m*-(diethylaminophenoxy) triphenyl-;  
 $[(\text{C}_2\text{H}_5)_3\text{N}^+\text{C}_6\text{H}_4\text{O}](\text{C}_6\text{H}_5)_3\text{POH}$ .  
T as mothproofing agent. 441P, 1179.
- 591-691-975-1027-1030.  
Amine, aryloxy, substituted, CU;  $\text{R}(\text{OC}_6\text{H}_5)_2\text{NR}_1\text{-R}_2$ . The formula above wherein R represents an aliphatic hydrocarbon group of less than 13 carbon atoms,  $\text{C}_6\text{H}_{13}$  represents an alkylene chain of at least 2 carbon atoms in which n has a value of 2-4 inclusive, x represents an integer of at least one, R<sub>1</sub> represents a member of the class consisting of monovalent hydrocarbon groups and divalent aliphatic groups which in conjunction with R<sub>2</sub>, etc. 697P.
- 591-730-950-1021.  
Quinoline, 6-methoxy-;  $\text{CH}_3\text{OC}_6\text{H}_4\text{N}$ .  
NT *Bombyx mori* larvae. 561.
- 591-740-951-1022.  
Pyrrolidine, 2-(*p*-methoxyphenyl)-1-methyl-;  
 $\text{C}_6\text{H}_4\text{N}(\text{CH}_3)\text{C}_6\text{H}_4\text{OCH}_3$ . ( $\alpha$ -(*p*-methoxyphenyl)-*N*-methylpyrrolidine).  
T *Aphis rumicis*. 261.
- 591-781-953-1022.  
Ether, benzyl *p*-benzylthiophenyl-;  
 $\text{C}_6\text{H}_5\text{CH}_2\text{OCC}_6\text{H}_4\text{SCH}_2\text{C}_6\text{H}_5$ . (Sulfide, benzyl 4-phenylmethoxyphenyl-).  
Fly spray. 112, 688P, 690P, 691P, 692P, 693P, 694P, 695P, 696P.
- 591-820-950.  
Ether, bis(9-thioxanthyl)-;  $(\text{C}_{14}\text{H}_9\text{S})_2\text{O}$ .  
NT mosquito larvae. 457.
- 591-841-851-952-1021.  
Ether, *p*-bromobenzyl *o*-chlorophenyl-;  
 $\text{BrC}_6\text{H}_4\text{CH}_2\text{OCC}_6\text{H}_4\text{Cl}$ .  
Fly spray. 112, 688P.
- 591-841-851-952-1021.  
Ether, *p*-bromobenzyl *p*-chlorophenyl-;  
 $\text{BrC}_6\text{H}_4\text{CH}_2\text{OCC}_6\text{H}_4\text{Cl}$ .  
Fly spray. 112, 688P.
- 591-841-851-952-1021.  
Ether, *p*-bromophenyl *o*-chlorobenzyl-;  
 $\text{ClC}_6\text{H}_4\text{CH}_2\text{OCC}_6\text{H}_4\text{Br}$ .  
Fly spray. 112, 688P.
- 591-841-951-1003.  
Ether,  $\gamma$ -bromopropyl phenyl-;  $\text{C}_6\text{H}_5\text{OC}_3\text{H}_6\text{Br}$ .  
HT *Carpocapsa pomonella* larvae; T *Aphis rumicis*. 64S, 1291.
- 591-841-951-1011.  
Phenetole, *o*-bromo-;  $\text{BrC}_6\text{H}_4\text{OC}_2\text{H}_5$ . (*o*-Bromophenyl ethyl ether).  
MT *Culex quinquefasciatus*. 157.
- 591-841-951-1011.  
Phenetole, *p*-bromo-;  $\text{BrC}_6\text{H}_4\text{OC}_2\text{H}_5$ . (*p*-Bromophenyl ethyl ether).  
T *Culex quinquefasciatus*; ST screwworms at 0.67%. 156, 157.
- 591-841-951-1021.  
Anisole, *o*-bromo-;  $\text{BrC}_6\text{H}_4\text{OCH}_3$ . (1-Bromo-2-methoxybenzene; *o*-bromophenyl methyl ether).  
MT *Culex quinquefasciatus*. 157.
- 591-841-951-1021.  
Anisole, *p*-bromo-;  $\text{BrC}_6\text{H}_4\text{OCH}_3$ . (1-Bromo-4-methoxybenzene; *p*-bromophenyl methyl ether).  
HT *Culex quinquefasciatus*; T screwworms. 156, 157.
- 591-841-952.  
Ether, *p*-bromodiphenyl-;  $\text{BrC}_6\text{H}_4\text{OC}_6\text{H}_5$ .  
NT red scale. 268.
- 591-841-952-996-1011.  
Ether, 5-*tert*-amyl-2-biphenyl-3-bromo ethyl;  
 $\text{C}_6\text{H}_5\text{C}_6\text{H}_4(\text{Br})(\text{OC}_4\text{H}_9)\text{C}(\text{CH}_3)_2\text{C}_6\text{H}_5$ . (Ethyl ether of 2-bromo-4-*tert*-amyl-6-phenylphenol).  
Fly spray. 112, 212P.
- 591-841-952-1001-1021.  
Ether, benzyl 2-bromo-4-*tert*-butylphenyl-;  
 $\text{C}_6\text{H}_5\text{CH}_2\text{OCC}_6\text{H}_4(\text{Br})\text{C}(\text{CH}_3)_3$ .  
Fly spray. 112, 688P.
- 591-841-952-1003-1021.  
Ether, *p*-bromobenzyl 2-bromo-4-*tert*-butylphenyl-;  
 $\text{BrC}_6\text{H}_4\text{CH}_2\text{OCC}_6\text{H}_4(\text{Br})\text{C}(\text{CH}_3)_3$ .  
Fly spray. 112, 688P.
- 591-841-952-1003-1030.  
Ether, allyl 2-bromo-4-biphenyl-;  
 $\text{C}_6\text{H}_5\text{C}_6\text{H}_4(\text{Br})(\text{OCH}_2\text{CH}_2\text{CH}_3)$ . (Propene, 3-(*o*-bromomethoxy)-; allyl ether of 2-bromo-4-phenyl phenol).  
MT houseflies at 3%. 112, 209P.
- 591-841-952-1021.  
Ether, benzyl *p*-bromophenyl-;  $\text{C}_6\text{H}_5\text{CH}_2\text{OCC}_6\text{H}_4\text{Br}$ .  
Fly spray. 112, 688P.
- 591-841-952-1021.  
Ether, *p*-bromobenzyl phenyl-;  $\text{BrC}_6\text{H}_4\text{CH}_2\text{OCC}_6\text{H}_5$ .  
Fly spray. 112, 688P.
- 591-841-1012.  
Ether, 2-bromomethyl ethyl;  $\text{BrCH}_2\text{CH}_2\text{OCH}_2\text{CH}_3$ .  
(1-Bromo-2-ethoxyethane;  $\beta$ -bromomethyl ether).  
HT rice weevil; NT wireworms and red scale. 268, 846, 1180.
- 591-842-924-953-1193-1325.  
Phosphonium hydroxide, dibromo-2-naphthoxy triphenyl-;  $(\text{BrC}_6\text{H}_4\text{O})(\text{C}_6\text{H}_5)_3\text{POH}$ . (Phosphonium hydroxide, (dibromo- $\beta$ -naphthoxy)triphenyl).  
T as mothproofing agent. 441P, 1179.
- 591-842-951-1011.  
Ether, 2-bromomethyl *p*-bromophenyl-;  
 $\text{CH}_2\text{BrCHOC}_6\text{H}_4\text{Br}$ . ( $\beta$ -(4-Bromo-phenoxy)-ethyl bromide). 211P.
- 591-842-952-1021.  
Ether, *p*-bromobenzyl *p*-bromophenyl-;  
 $\text{BrC}_6\text{H}_4\text{CH}_2\text{OCC}_6\text{H}_4\text{Br}$ .  
Fly spray. 112, 688P.
- 591-842-952-1021.  
Ether, benzyl 2,4-dibromophenyl-;  $\text{C}_6\text{H}_5\text{CH}_2\text{OCC}_6\text{H}_3(\text{Br})_2$ .  
Fly spray. 112, 688P.
- 591-843-951-1003-1030.  
Ether, allyl 2,4,6-tribromophenyl-;  $\text{Br}_3\text{C}_6\text{H}_2\text{OCH}_2\text{CH}_3$ . (Propene, 3-(2,4,6-tribromophenoxy)-; allyl ether of 2,4,6-tribromophenol).  
Fly spray. 112, 209P.
- 591-843-951-1021.  
Anisole, 2,4,6-tribromo-;  $\text{CH}_3\text{OC}_6\text{H}_2\text{Br}_3$ .  
NT screwworms. 156.
- 591-851-924-951-1021.  
Ether, *p*-chlorophenyl 1-naphthylmethyl-;  
 $\text{C}_{10}\text{H}_7\text{CH}_2\text{OCC}_6\text{H}_4\text{Cl}$ .  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 591-851-924-1003-1030.  
Ether, 2-chloroallyl 4-methylnaphthyl-, CU;  
 $\text{CH}_3\text{C}_{10}\text{H}_7\text{OCH}_2\text{C}(\text{Cl})\text{CH}_2$ . (Propene, 2-chloro-3-(4-methylnaphthoxy)-; 2-chloro-allyl ether of 4-methylnaphthol).  
Fly spray. 112, 209P.
- 591-851-924-1004-1030.  
Ether, 2-chloroallyl naphthyl, CU;  $\text{C}_{10}\text{H}_7\text{OCH}_2\text{C}(\text{Cl})\text{CH}_2$ . (Propene, 2-chloro-3-naphthoxy-; 2-chloro-allyl ether of naphthol).  
Fly spray. 112, 209P.
- 591-851-951-961-1003-1030.  
Ether, allyl cyclohexylchlorophenyl, CU;  
 $\text{C}_6\text{H}_{11}\text{C}_6\text{H}_4(\text{Cl})\text{OCH}_2\text{CH}_2\text{CH}_3$ . (Propene, 2-(chloro-2-cyclohexylphenoxy)-; allyl ether of chloro-2-cyclohexyl phenol).  
Fly spray. 112, 209P.

- 591-851-951-961-1003-1030.  
Ether, 2-chloroallyl cyclohexylphenyl;  
 $\text{C}_6\text{H}_{11}\text{C}_6\text{H}_4\text{OCH}_2\text{C}(\text{Cl})\text{CH}_3$ . (Propene, 2-chloro-3-(p-cyclohexylphenoxy)-; 2-chloro-allyl ether of 4-cyclohexyl phenol).  
MT houseflies at 3%. 112, 209P.
- 591-851-951-1001-1003-1030.  
Ether, allyl-4-*tert*-butyl-2-chlorophenyl-;  
 $(\text{CH}_3)_3\text{CC}_6\text{H}_4(\text{Cl})\text{OCH}_2\text{CH}\text{CH}_3$ . (Propene, 3-(4-*tert*-butyl-2-chlorophenoxy)-; allyl ether of 2-chloro-4-*tert*-butyl phenol).  
MT houseflies at 3%. 112, 209P.
- 591-851-951-1001-1003-1030.  
Ether, allyl-4-*tert*-butylphenyl-;  
 $(\text{CH}_3)_3\text{CC}_6\text{H}_4\text{OCH}_2\text{C}(\text{Cl})\text{CH}_3$ . (Propene, 3-(p-*tert*-butylphenoxy)-2-chloro-; 2-chloroallyl ether of 4-*tert*-butyl phenol).  
MT houseflies at 3%. 112, 209P.
- 591-851-951-1002.  
Ether, 3-chloroisobutyl 4-*tert*-butylphenyl-;  
 $\text{ClCH}_2\text{CH}(\text{CH}_3)\text{CH}_2\text{OC}(\text{CH}_3)_2\text{C}(\text{CH}_3)_3$ . (γ-(4-Tertiary-butyl-phenoxy)-isobutyl chloride). 211P.
- 591-851-951-1003-1022-1030.  
Ether, 2-chloroallyl xylol;  $(\text{CH}_3)_2\text{C}_6\text{H}_3\text{OCH}_2\text{C}(\text{Cl})\text{CH}_3$ . (Propene, 2-chloro-3-(dimethylphenoxy)-; 2-chloroallyl ethers of mixed isomeric dimethyl phenols).  
Fly spray. 112, 209P.
- 591-851-951-1003-1030.  
Ether, 2-chloroallyl phenyl;  $\text{C}_6\text{H}_5\text{OCH}_2\text{C}(\text{Cl})\text{CH}_3$ . (Propene, 2-chloro-3-phenoxy-; 2-chloro-allyl ether of phenol).  
Fly spray. 112, 209P.
- 591-851-951-1004-1021-1030.  
Ether, 2-chloroallyl thymyl;  
 $\text{CH}_3\text{C}_6\text{H}_4[\text{CH}(\text{CH}_3)_2]\text{OCH}_2\text{C}(\text{Cl})\text{CH}_3$ . (Propene, 2-chloro-3-thymoxy-; 2-chloro-allyl ether of thymol).  
Fly spray. 112, 209P.
- 591-851-951-1004-1021-1030.  
Ether, carvacryl 2-chloroallyl;  
 $(\text{CH}_3)_2\text{CHC}_6\text{H}_4(\text{CH}_3)\text{OCH}_2\text{C}(\text{Cl})\text{CH}_3$ . (Propene, 3-carvacroxy-2-chloro-; 2-chloro-allyl ether of carvacrol).  
Fly spray. 112, 209P.
- 591-851-951-1011.  
Phenotole, p-chloro-;  $\text{ClC}_6\text{H}_4\text{OC}_6\text{H}_5$ . (1-Chloro-4-ethoxybenzene; p-chlorophenyl ethyl ether).  
ST screwworms at 0.67%. 156.
- 591-851-951-1021.  
Anisole, p-chloro-;  $\text{ClC}_6\text{H}_4\text{OCH}_3$ .  
ST screwworms at 0.67%. 156.
- 591-851-952-993-1021.  
Ether, o-chlorobenzyl p-(1,1,3,3-tetramethyl-butyl)-phenyl-;  $\text{ClC}_6\text{H}_4\text{CH}_2\text{OC}(\text{CH}_3)_3\text{C}(\text{CH}_3)_2\text{CH}_2\text{C}(\text{CH}_3)_3$ .  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 591-851-952-1001-1011.  
Ether, 5-*tert*-butyl-3-chloro-2-biphenyl ethyl;  
 $\text{C}_6\text{H}_5\text{C}_6\text{H}_3(\text{Cl})\text{C}(\text{CH}_3)_2\text{OC}_2\text{H}_5$ . (Ethyl ether of 2-chloro-4-*tert*-butyl-6-phenylphenol).  
Fly spray. 112.
- 591-851-952-1001-1022.  
Ether, benzyl 4-*tert*-butyl-2-chloromethylphenyl-;  
 $\text{C}_6\text{H}_5\text{CH}_2\text{OC}_6\text{H}_4(\text{CH}_2\text{Cl})\text{C}(\text{CH}_3)_3$ .  
Fly spray. 112, 688P.
- 591-851-952-1003-1011-1030.  
Ether, 2-chloroallyl p-phenylethylphenyl;  
 $\text{C}_6\text{H}_5\text{C}_6\text{H}_4\text{C}_6\text{H}_4\text{OCH}_2\text{C}(\text{Cl})\text{CH}_3$ . (Propene, 2-chloro-3-(p-phenylethylphenoxy)-; 2-chloro-allyl ether of 4-phenyl-ethyl phenol).  
Fly spray. 112, 209P.
- 591-851-952-1003-1021-1030.  
Ether, allyl 2-chloro-4-benzylphenyl-;  
 $\text{C}_6\text{H}_5\text{CH}_2\text{C}_6\text{H}_4(\text{Cl})\text{OCH}_2\text{CH}\text{CH}_3$ . (Propene, 3-(4-benzyl-2-chlorophenoxy)-; allyl ether of 2-chloro-4-benzyl phenol).  
Fly spray. 112, 209P.
- 591-851-952-1003-1021-1030.  
Ether, p-benzylphenyl 2-chloroallyl-;  
 $\text{C}_6\text{H}_5\text{CH}_2\text{C}_6\text{H}_4\text{OCH}_2\text{C}(\text{Cl})\text{CH}_3$ . (Propene, 3-(p-benzylphenoxy)-2-chloro-; 2-chloro-allyl ether of 4-benzyl phenol).  
Fly spray. 112, 209P.
- 591-851-952-1003-1030.  
Ether, 2-biphenyl 2-chloroallyl-;  
 $\text{C}_6\text{H}_5\text{C}_6\text{H}_4\text{OCH}_2\text{C}(\text{Cl})\text{CH}_3$ . (Propene, 2-chloro-3-(o-phenylphenoxy)-; 2-chloro-allyl ether of 2-phenyl phenol).  
Fly spray. 112, 209P.
- 591-851-952-1003-1030.  
Ether, 3-biphenyl 2-chloroallyl-;  
 $\text{C}_6\text{H}_5\text{C}_6\text{H}_4\text{OCH}_2\text{C}(\text{Cl})\text{CH}_3$ . (Propene, 2-chloro-3-(m-phenylphenoxy)-; 2-chloroallyl ether of meta-phenyl phenol).  
Fly spray. 112, 209P.
- 591-851-952-1003-1030.  
Ether, allyl 2-chloro-4-biphenyl-;  
 $\text{C}_6\text{H}_5\text{C}_6\text{H}_4(\text{Cl})\text{OCH}_2\text{CH}\text{CH}_3$ . (Propene, 3-(o-chlorophenoxy)-; allyl ether of 2-chloro-4-phenyl phenol).  
MT houseflies at 3%. 112, 209P.
- 591-851-952-1003-1030.  
Ether, allyl 6-chloro-2-biphenyl-;  
 $\text{C}_6\text{H}_5\text{C}_6\text{H}_3(\text{Cl})\text{OCH}_2\text{CH}\text{CH}_3$ . (Propene, 3-(2-chloro-6-phenylphenoxy)-; allyl ether of 6-chloro-2-phenyl phenol).  
MT houseflies at 3%. 112, 209P.
- 591-851-952-1003-1030.  
Ether, allyl 4-chloro-2-biphenyl-;  
 $\text{C}_6\text{H}_5\text{C}_6\text{H}_3(\text{Cl})\text{OCH}_2\text{CH}\text{CH}_3$ . (Propene, 3-(4-chloro-2-phenylphenoxy)-; allyl ether of 4-chloro-2-phenyl phenol).  
Fly spray. 112, 209P.
- 591-851-952-1003-1030.  
Ether, 4-biphenyl 2-chloroallyl-;  
 $\text{C}_6\text{H}_5\text{C}_6\text{H}_4\text{OCH}_2\text{C}(\text{Cl})\text{CH}_3$ . (Propene, 2-chloro-3-phenoxy-; 2-chloro-allyl ether of 4-phenyl phenol).  
MT houseflies at 3%. 112, 209P.
- 591-851-952-1021.  
Ether, benzyl o-chlorophenyl-;  $\text{C}_6\text{H}_5\text{CH}_2\text{OC}_6\text{H}_4\text{Cl}$ .  
MT houseflies at 3%. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 591-851-952-1021.  
Ether, benzyl p-chlorophenyl-;  $\text{C}_6\text{H}_5\text{CH}_2\text{OC}_6\text{H}_4\text{Cl}$ .  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 591-851-953-1021.  
Ether, 2-biphenyl o-chlorobenzyl-;  
 $\text{ClC}_6\text{H}_4\text{CH}_2\text{OC}_6\text{H}_4\text{C}_6\text{H}_5$ . (Ether, o-chlorobenzyl o-phenylphenyl).  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 591-851-954-1003-1193-1325.  
Phosphonium hydroxide, (isobutyl-4-chlorophenoxy) triphenyl-;  $[\text{C}_6\text{H}_4(\text{Cl})\text{C}_6\text{H}_4\text{O}(\text{C}_6\text{H}_5)_3]\text{POH}$ .  
T as mothproofing agent. 441P, 1179.
- 591-851-954-1021-1193-1325.  
Phosphonium hydroxide, (2-chloro-toloxo) triphenyl-, CU;  $[\text{Cl}(\text{CH}_3)\text{C}_6\text{H}_4\text{O}(\text{C}_6\text{H}_5)_3]\text{POH}$ . (Phosphonium hydroxide, (2-chloro-1-methylphenoxy)-triphenyl-).  
T as mothproofing agent. 441P, 1179.
- 591-851-954-1021-1193-1325.  
Phosphonium hydroxide, (2-chloro-p-toloxo) triphenyl-;  $[\text{Cl}(\text{CH}_3)\text{C}_6\text{H}_4\text{O}(\text{C}_6\text{H}_5)_3]\text{POH}$ . (Phosphonium hydroxide, (2-chloro-4-methylphenoxy)-triphenyl-).  
T as mothproofing agent. 441P, 1179.
- 591-851-954-1193-1325.  
Phosphonium hydroxide, (o-chlorophenoxy) triphenyl-;  $[\text{ClC}_6\text{H}_4\text{O}(\text{C}_6\text{H}_5)_3]\text{POH}$ .  
T as mothproofing agent. 441P, 1179.
- 591-851-954-1193-1325.  
Phosphonium hydroxide, (p-chlorophenoxy) triphenyl-;  $[\text{ClC}_6\text{H}_4\text{O}(\text{C}_6\text{H}_5)_3]\text{POH}$ .  
T as mothproofing agent. 441P, 1179.
- 591-851-1022.  
Ether, chloromethyl methyl-;  $\text{ClCH}_2\text{OCH}_3$ . (Chloromethyl ether).  
NT rice weevil and red scale. 268, 1180.
- 591-851-1027-1030.  
Ethers, alkaryl, chloro-, CU;  
 $\text{RO}(\text{CnH}_{2n}\text{O})_x\text{CnH}_{2n}\text{Y}$ . (Aryloxy-polyalkylene ether chlorides).  
Wherein R represents an aromatic radical, Y is a member of the group consisting of chlorine and bromine, n represents an integer from 2 to 5 inclusive, and x is an integer not greater than 4.  
123P.
- 591-852-951-1001-1003-1030.  
Ether, 4-*tert*-butyl-2-chlorophenyl 2-chloroallyl-;



- (CH<sub>3</sub>)<sub>2</sub>CC<sub>2</sub>H<sub>5</sub>(Cl)OCH<sub>2</sub>C(Cl):CH<sub>2</sub>. (Propene, 3-(4-*tert*-butyl-2-chlorophenoxy)-2-chloro-; 2-chloroallyl ether of 2-chloro-4-*tert*-butyl phenol).  
Fly spray. 112, 209P.
- 591-852-951-1001-1011.  
Ether, 4-*tert*-butyl-2-chlorophenyl 2-chloroethyl-; (CH<sub>3</sub>)<sub>2</sub>CC<sub>2</sub>H<sub>5</sub>(Cl)OCH<sub>2</sub>CH<sub>2</sub>Cl. (β-(2-Chloro-4-*tert*-butyl-phenoxy)-ethyl chloride). 211P.
- 591-852-951-1003-1030.  
Ether, allyl 2,4-dichlorophenyl-; Cl<sub>2</sub>C<sub>6</sub>H<sub>3</sub>OCH<sub>2</sub>CH=CH<sub>2</sub>. (Propene, 3-(2,4-dichlorophenoxy)-; allyl ether of 2,4-dichlorophenol).  
Fly spray. 112, 209P.
- 591-852-952-1021.  
Ether, *o*-chlorobenzyl *o*-chlorophenyl-; ClC<sub>6</sub>H<sub>4</sub>CH<sub>2</sub>OC<sub>6</sub>H<sub>4</sub>Cl.  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 591-852-952-1021.  
Ether, *o*-chlorobenzyl *p*-chlorophenyl-; ClC<sub>6</sub>H<sub>4</sub>CH<sub>2</sub>OC<sub>6</sub>H<sub>4</sub>Cl.  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 591-852-952-1023.  
Ether, benzyl 2,4-bis(chloromethyl)phenyl-; C<sub>6</sub>H<sub>5</sub>CH<sub>2</sub>OC<sub>6</sub>H<sub>3</sub>(CH<sub>2</sub>Cl)<sub>2</sub>.  
Fly spray. 112, 688P.
- 591-852-954-1193-1325.  
Phosphonium hydroxide, (2,4-dichlorophenoxy)-triphenyl-; (Cl<sub>2</sub>C<sub>6</sub>H<sub>3</sub>O)(C<sub>6</sub>H<sub>5</sub>)<sub>3</sub>POH.  
T as mothproofing agent. 441P, 1179.
- 591-852-954-1193-1325.  
Phosphonium hydroxide, (2,6-dichlorophenoxy)-triphenyl-; (Cl<sub>2</sub>C<sub>6</sub>H<sub>3</sub>O)(C<sub>6</sub>H<sub>5</sub>)<sub>3</sub>POH.  
T as mothproofing agent. 441P, 1179.
- 591-852-1012.  
Ether, 1,2-dichloroethyl ethyl; CH<sub>2</sub>ClCH<sub>2</sub>ClOCH<sub>2</sub>CH<sub>3</sub>. (α,β-Dichloroethyl ether).  
HT rice weevil; NT wireworms. 846, 1180.
- 591-852-1012.  
Ether, bis(2-chloroethyl)-; (ClC<sub>2</sub>H<sub>4</sub>)<sub>2</sub>O. (Bis-(β-chloro-ethyl) ether; β,β'-dichloroethylether; 1-chloro-2-(β-chloroethoxy)-ethane; *sym*-dichloroethyl ether).  
T wireworms, rice weevil, and *Conotrachelus nemus*. 302P, 846, 1143, 1180, 1331.
- 591-852-1022.  
Ether, bis(chloromethyl)-; ClCH<sub>2</sub>OCH<sub>2</sub>Cl. (Dichloromethyl ether).  
HT rice weevil; NT red scale. 268, 1180.
- 591-852-1027.  
Ether, bis(chloroalkyl)-. (Dichloroalkyl ethers). 1088P.
- 591-853-954-1193-1325.  
Phosphonium hydroxide, trichlorphenoxy triphenyl-; (Cl<sub>3</sub>C<sub>6</sub>H<sub>2</sub>O)(C<sub>6</sub>H<sub>5</sub>)<sub>3</sub>POH.  
T as mothproofing agent. 441P, 1179.
- 591-854-951-1003-1030.  
Ether, 2-chloroallyl 2,4,6-trichlorophenyl-; Cl<sub>3</sub>C<sub>6</sub>H<sub>2</sub>OCH<sub>2</sub>C(Cl):CH<sub>2</sub>. (Propene, 2-chloro-3-(2,4,6-trichlorophenoxy)-; 2-chloro-allyl ether of 2,4,6-trichlorophenol).  
Fly spray. 112, 209P.
- 591-861-951-1021.  
Anisole, *o*-fluoro-; FC<sub>6</sub>H<sub>4</sub>OCH<sub>3</sub>.  
NT *Chrysomphalus aurantii*. 263.
- 591-861-951-1021.  
Anisole, *p*-fluoro-; FC<sub>6</sub>H<sub>4</sub>OCH<sub>3</sub>.  
NT *Chrysomphalus aurantii*. 263.
- 591-871-951-1011.  
Phenetole, *p*-iodo-; IC<sub>6</sub>H<sub>4</sub>OC<sub>2</sub>H<sub>5</sub>.  
T screwworms. 110, 156.
- 591-871-951-1021.  
Anisole, *o*-iodo-; IC<sub>6</sub>H<sub>4</sub>OCH<sub>3</sub>.  
T screwworms. 110, 156, 946.
- 591-871-952-1001-1011.  
Ether, *tert*-butyl-2-biphenyl ethyl, CU; C<sub>6</sub>H<sub>5</sub>C<sub>6</sub>H<sub>4</sub>(I)(OC<sub>4</sub>H<sub>9</sub>)C(CH<sub>3</sub>)<sub>3</sub>. (Ethyl ether of *tert*-butyl-mono-iodo-6-phenylphenol).  
Fly spray. 110, 112, 212P.
- 591-871-952-1021.  
Ether, benzyl-*p*-iodophenyl-; C<sub>6</sub>H<sub>5</sub>CH<sub>2</sub>OC<sub>6</sub>H<sub>4</sub>I. (4-Iodophenyl benzyl ether).  
T houseflies and other insect pests. 110, 112, 688P.
- 591-881-975-1003-1030.  
Ethers, allyl phenyl, substituted; ROX. (Propene, substituted phenoxy-; allyl ethers of substituted phenols).  
Wherein R represents an aromatic radical and X is selected from the group consisting of the allyl and 2-chloroallyl radicals.  
Fly spray. 112, 209P.
- 591-881-975-1027.  
Ethers, alkylaryl, halogenated, CU; ROC<sub>6</sub>H<sub>4</sub>HexX. 211P.
- 591-910-1003-1030.  
Ether, allyl phenanthryl, CU; C<sub>17</sub>H<sub>15</sub>OCH<sub>2</sub>CH=CH<sub>2</sub>. (Propene, 3-phenanthroxy-; allyl ether of phenanthrol).  
Fly spray. 112, 209P.
- 591-924-951.  
Ether, 2-naphthyl phenyl-; C<sub>10</sub>H<sub>7</sub>OC<sub>6</sub>H<sub>5</sub>. (β-Naphthyl phenyl ether).  
MT houseflies at 3%. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 591-924-951-993-1021.  
Ether, tetrahydronaphthylmethyl 4-(1,1,3,3-tetramethylbutyl)phenyl-; C<sub>10</sub>H<sub>11</sub>CH<sub>2</sub>OC<sub>6</sub>H<sub>4</sub>C(CH<sub>3</sub>)<sub>3</sub>.  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 591-924-951-1001-1021.  
Ether, *p*-*tert*-butylphenyl tetrahydronaphthyl-; C<sub>10</sub>H<sub>11</sub>CH<sub>2</sub>OC<sub>6</sub>H<sub>4</sub>C(CH<sub>3</sub>)<sub>3</sub>.  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 591-924-951-1021.  
Ether, benzyl 1-naphthyl-; C<sub>6</sub>H<sub>5</sub>CH<sub>2</sub>OC<sub>10</sub>H<sub>7</sub>. (Benzyl α-naphthyl ether).  
T houseflies; NT *Bombus mori* larvae. 112, 559, 688P, 690P, 693P, 694P, 695P, 696P.
- 591-924-951-1021.  
Ether, 1-naphthylmethyl phenyl-; C<sub>10</sub>H<sub>7</sub>CH<sub>2</sub>OC<sub>6</sub>H<sub>5</sub>.  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 591-924-951-1021.  
Ether, phenyl 2-tetrahydronaphthylmethyl-; C<sub>10</sub>H<sub>11</sub>CH<sub>2</sub>OC<sub>6</sub>H<sub>5</sub>.  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 591-924-952-1021.  
Ether, 2-biphenyl 1-naphthylmethyl-; C<sub>10</sub>H<sub>7</sub>CH<sub>2</sub>OC<sub>6</sub>H<sub>4</sub>C<sub>6</sub>H<sub>5</sub>.  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 591-924-952-1021.  
Ether, 2-biphenyl tetrahydronaphthylmethyl-; C<sub>10</sub>H<sub>11</sub>CH<sub>2</sub>OC<sub>6</sub>H<sub>4</sub>C<sub>6</sub>H<sub>5</sub>.  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 591-924-953-1193-1325.  
Phosphonium hydroxide, α-naphthoxytriphenyl-; (C<sub>10</sub>H<sub>7</sub>O)(C<sub>6</sub>H<sub>5</sub>)<sub>3</sub>POH.  
T as mothproofing agent. 441P, 1179.
- 591-924-953-1193-1325.  
Phosphonium hydroxide, β-naphthoxytriphenyl-; (C<sub>10</sub>H<sub>7</sub>O)(C<sub>6</sub>H<sub>5</sub>)<sub>3</sub>POH.  
T as mothproofing agent. 441P, 1179.
- 591-924-953-1193-1325.  
Phosphonium hydroxide, (tetrahydro-β-naphthoxy)-triphenyl-; (C<sub>10</sub>H<sub>11</sub>O)(C<sub>6</sub>H<sub>5</sub>)<sub>3</sub>POH.  
T as mothproofing agent. 441P, 1179.
- 591-924-954-1193-1325.  
Phosphonium hydroxide, (1-benzyl-2-naphthoxy)-triphenyl-; (C<sub>6</sub>H<sub>5</sub>CH<sub>2</sub>C<sub>10</sub>H<sub>7</sub>O)(C<sub>6</sub>H<sub>5</sub>)<sub>3</sub>POH.  
T as mothproofing agent. 441P, 1179.
- 591-924-954-1193-1325.  
Phosphonium hydroxide, (4-benzyl-1-naphthoxy)-triphenyl-; (C<sub>6</sub>H<sub>5</sub>CH<sub>2</sub>C<sub>10</sub>H<sub>6</sub>O)(C<sub>6</sub>H<sub>5</sub>)<sub>3</sub>POH.  
T as mothproofing agent. 441P, 1179.
- 591-924-1003-1030.  
Ether, allyl naphthyl-, CU; C<sub>10</sub>H<sub>7</sub>OCH<sub>2</sub>CH=CH<sub>2</sub>. (Propene, 3-naphthoxy-; allyl ether of naphthol).  
Fly spray. 112, 209P.
- 591-924-1011.  
Ether, ethyl 2-naphthyl.  
Repellent for blowflies. 1185.

- 591-924-1011.  
Ether, ethyl 1-tetrahydronaphthyl-;  $C_{10}H_{11}OC_2H_5$ .  
(ar- $\alpha$ -Tetrahydronaphtholethyl ether). 909P.
- 591-924-1011.  
Ether, ethyl 2-tetrahydronaphthyl-;  $C_{10}H_{11}OC_2H_5$ .  
(ar- $\beta$ -Tetrahydronaphtholethyl ether). 909P.
- 591-924-1021.  
Ether, methyl 1-tetrahydronaphthyl-;  $C_{10}H_{11}OCH_3$ .  
(ar- $\alpha$ -Tetrahydronaphtholmethyl ether). 909P.
- 591-924-1021.  
Ether, methyl 2-tetrahydronaphthyl-;  $C_{10}H_{11}OCH_3$ .  
(ar- $\beta$ -Tetrahydronaphtholmethyl ether). 909P.
- 591-924-1021.  
Ether, methyl-1-naphthyl-;  $C_{10}H_7OCH_3$ .  
(1-Methoxynaphthalene; methyl  $\alpha$ -naphthyl ether).  
HT *Carpocapsa pomonella* larvae; T *Leptinotarsa decemlineata*. 561, 1009, 1291.
- 591-924-1021.  
Ether, methyl 2-naphthyl-;  $C_{10}H_7OCH_3$ . ( $\beta$ -Naphthyl methyl ether; Nerolin).  
NT clothes moths. 739, 1176.
- 591-930-1011-1022.  
Ether, ethyl terpenyl-, CU. (Ethyl ether of mixed terpene hydrocarbons).  
T houseflies when used with pyrethrum and rotenone. 1103.
- 591-930-1023.  
Ether, methyl terpenyl-, CU. (Methyl ether of mixed terpene hydrocarbons).  
T houseflies when used with pyrethrum and rotenone. 1103.
- 591-932-1011-1023.  
Ether, ethyl pinyl-;  $C_{10}H_{16}OC_2H_5$ . (Ethyl ether of pinene).  
T houseflies when used with pyrethrum and rotenone. 1103.
- 591-932-1024.  
Ether, methyl pinyl-;  $C_{10}H_{16}OCH_3$ . (Methyl ether of pinene).  
T houseflies when used with pyrethrum and rotenone. 1103.
- 591-951-961-1021.  
Anisole, *p*-cyclohexyl-;  $C_6H_{11}C_6H_4OCH_3$ .  
T screwworms at 0.33-0.67%. 156.
- 591-951-983-1003-1030.  
Ether, allyl 4-octadecylphenyl-;  
 $C_{18}H_{33}C_6H_4OCH_2CH_2CH_3$ . (Propene, 3-(*p*-octadecanylethoxy)-; allyl ether of 4-octadecanylethyl phenol).  
Fly spray. 112, 209P.
- 591-951-993-1003-1030.  
Ether, allyl *p*-*tert*-octylphenyl-;  
 $C_8H_{17}C_6H_4OCH_2CH_2CH_3$ . (Propene, 3-(*p*-*tert*-octylethoxy)-; allyl ether of 4-*tert*-octylphenol).  
Fly spray. 112, 209P.
- 591-951-999-1003-1030.  
Ether, allyl *p*-*tert*-amylphenyl-;  $C_5H_{11}C_6H_4OCH_2CH_2CH_3$ . (Propene, 3-(*p*-*tert*-amylethoxy)-; allyl ether of 4-*tert*-amylphenol).  
Fly spray. 112, 209P.
- 591-951-999-1021.  
Ether, *p*-*tert*-amylphenyl methyl-;  
 $CH_3OC_6H_4C(CH_3)_2C_6H_5$ . (*p*-Methoxy-*tert*-amylbenzene).  
T screwworms at 0.33-0.67%. 156.
- 591-951-1001-1003.  
Ether, allyl *p*-*tert*-butylphenyl-;  
 $(CH_3)_3CC_6H_4OCH_2CH_2CH_3$ . (Propene, 3-(*p*-*tert*-butylethoxy)-; allyl ether of 4-*tert*-butylphenol).  
Fly spray. 112, 209P.
- 591-951-1001-1021.  
Ether, benzyl butyl-;  $C_6H_5CH_2OC_4H_9$ . (*n*-Butyl benzylether).  
NT *Chrysomphalus aurantii*. 268.
- 591-951-1003-1021-1030.  
Ether, allyl *o*-tolyl-;  $CH_3C_6H_4OCH_2CH_2CH_3$ . (Propene, 3-*o*-tolylethoxy; allyl ether of orthocresol).  
Fly spray. 112, 206P.
- 591-951-1003-1021-1030.  
Anethole;  $CH_3OC_6H_4CH=CHCH_3$ . (*p*-Propenylphenyl-methyl ether; *p*-propenylanisole; methyl allylphenol).  
T houseflies and screwworm larvae; attractant for oriental fruit moth; NT red scale. 156, 268, 508, 1180, 1276.
- 591-951-1011.  
Phenetole;  $C_6H_5OC_2H_5$ . (Ethyl phenyl ether).  
NT screwworms. 156.
- 591-951-1021.  
Anisole;  $C_6H_5OCH_3$ . (Methoxybenzene; methyl phenyl ether).  
T clothes moths; NT screwworms. 156, 268, 508, 561, 1153, 1175, 1242P, 1376, 1377.
- 591-951-1022.  
Ether, methyl *m*-tolyl-;  $CH_3C_6H_4OCH_3$ . (*m*-Cresyl methyl ether; 3-methoxytoluene).  
NT *Bombyx mori* larvae. 561.
- 591-952.  
Phenyl ether;  $C_6H_5OC_6H_5$ . (Diphenyl ether).  
T mosquito larvae; ST houseflies at 2%. 112, 172, 687P.
- 591-952-961-1021.  
Ether, benzyl *o*-cyclohexylphenyl-;  $C_6H_{11}C_6H_4OCH_2C_6H_5$ .  
Fly spray. 112, 691P.
- 591-952-961-1021.  
Ether, benzyl *p*-cyclohexylphenyl-;  $C_6H_{11}C_6H_4OCH_2C_6H_5$ .  
MT houseflies at 2%. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 591-952-975-1021.  
Ethers, benzyl phenyl, acyl-, substituted. Phenyl benzyl ethers having an organic acyl group as a substituent in at least one of the benzene rings. 690P.
- 591-952-993-999.  
Ether, *sec*-amyl 5-octyl-2-biphenyl-;  
 $C_8H_{17}C_6H_4(C_6H_{17})OC_2H_5$ . (*sec*-Amylether of 4-*tert*-octyl-6-phenylphenol).  
Fly spray. 112, 212P.
- 591-952-993-1001.  
Ether, 4-*tert*-butyl-2-biphenyl *n*-octyl-;  
 $C_8H_9C_6H_4(C_6H_5)OC_8H_{17}$ . (*n*-Octyl ether of 4-*tert*-octyl-6-phenylphenol).  
Fly spray. 112, 212P.
- 591-952-993-1011.  
Ether, ethyl 5-*tert*-octyl-2-biphenyl-;  
 $C_8H_5C_6H_4(C_6H_5)OC_2H_5$ . (Ethyl ether of 4-*tert*-butyl-6-phenylphenol).  
Fly spray. 112, 212P.
- 591-952-993-1021.  
Ether, benzyl *o*-(1-methylheptyl)phenyl-;  
 $C_6H_5CH_2OC_6H_4(C_6H_{13})$ .  
Fly spray. 112, 691P.
- 591-952-993-1021.  
Ether, benzyl *p*-(1,1,3,3-tetramethylbutyl) phenyl-;  
 $C_6H_5CH_2OC_6H_4C(CH_3)_3CH_2C(CH_3)_3$ .  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 591-952-993-1022.  
Ether, benzyl 2-methyl-4-(1-methylheptyl)phenyl-;  
 $C_6H_5CH_2OC_6H_4(C_6H_5)CH(CH_3)C(CH_3)_3$ .  
Fly spray. 112, 691P.
- 591-952-997-1011.  
Ether, ethyl 5-*tert*-hexyl-2-biphenyl-;  
 $C_6H_5C_6H_4(C_6H_{13})OC_2H_5$ . (Ethyl ether of 4-*tert*-hexyl-6-phenylphenol).  
Fly spray. 112, 212P.
- 591-952-999-1001.  
Ether, *n*-amyl 5-*tert*-butyl-2-biphenyl-;  
 $C_5H_{11}C_6H_4(C_6H_5)OC_5H_{11}$ . (*n*-Amyl ether of 4-*tert*-butyl-6-phenylphenol).  
Fly spray. 112, 212P.
- 591-952-999-1001.  
Ether, 4-*tert*-amyl-3-biphenyl isobutyl-;  
 $C_6H_5C_6H_4(C_6H_{11})OC_4H_9CH_3$ . (Isobutyl ether of 2-*tert*-amyl-5-phenylphenol).  
Fly spray. 112, 212P.
- 591-952-999-1011.  
Ether, 5-*tert*-amyl-2-biphenyl ethyl-;  
 $C_6H_5C_6H_4(OC_5H_{11})C(CH_3)_3C_2H_5$ . (Ethyl ether of 4-*tert*-amyl-6-phenylphenol).  
Fly spray. 112, 212P.
- 591-952-999-1021.  
Ether, *tert*-amylphenyl benzyl-;  $C_6H_5CH_2OC_6H_4C_5H_{11}$ .  
Fly spray. 112, 691P.
- 591-952-999-1021.  
Ether, benzyl 4-(1,1-dimethylpropyl)phenyl-;  
 $C_6H_5CH_2OC_6H_4C(CH_3)_2C_6H_5$ .

- Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 591-952-1001-1003.  
Ether, 6-*tert*-butyl-3-biphenyl isopropyl;  
 $\text{C}_6\text{H}_5\text{C}_6\text{H}_4[\text{OCH}(\text{CH}_3)_2]\text{C}(\text{CH}_3)_3$ . (Isopropyl ether of 3-phenyl-4-*tert*-butylphenol).  
Fly spray. 112, 212P.
- 591-952-1001-1003-1030.  
Ether, allyl 4-*tert*-butyl-2-biphenyl;  
 $\text{CH}_2=\text{CHCH}_2\text{OC}_6\text{H}_4(\text{C}_6\text{H}_5)_2$ . (Propene, 3-(4-*tert*-butyl-2-phenylphenoxy)-; allyl ether of 4-*tert*-butyl-2-phenylphenol).  
Fly spray. 112, 209P.
- 591-952-1001-1011.  
Ether, 3-*tert*-butyl-2-biphenyl ethyl;  
 $\text{C}_6\text{H}_5\text{C}_6\text{H}_4[\text{OC}_6\text{H}_4]\text{C}(\text{CH}_3)_3$ . (Ethyl ether of 2-*tert*-butyl-6-phenylphenol).  
Fly spray. 112, 212P.
- 591-952-1001-1011.  
Ether, 3-*tert*-butyl-4-biphenyl ethyl;  
 $\text{C}_6\text{H}_5\text{C}_6\text{H}_4[\text{OC}_6\text{H}_4]\text{C}(\text{CH}_3)_3$ . (Ethyl ether of 2-*tert*-butyl-4-phenylphenol).  
Fly spray. 112, 212P.
- 591-952-1001-1011.  
Ether, 5-*tert*-butyl-2-biphenyl ethyl;  
 $\text{C}_6\text{H}_5\text{C}_6\text{H}_4[\text{OC}_6\text{H}_4]\text{C}(\text{CH}_3)_3$ . (Ethyl ether of 4-*tert*-butyl-6-phenylphenol).  
HT houseflies at 3%, 112, 212P.
- 591-952-1001-1011-1021.  
Ether, 5-*tert*-butyl-3-methyl-2-biphenyl ethyl;  
 $\text{C}_6\text{H}_5\text{C}_6\text{H}_4[\text{OC}_6\text{H}_4](\text{CH}_3)\text{C}(\text{CH}_3)_3$ . (Ethyl ether of 2-methyl-4-*tert*-butyl-6-phenylphenol).  
Fly spray. 112, 212P.
- 591-952-1001-1021.  
Ether, benzyl *p*-*tert*-butylphenyl;  
 $\text{C}_6\text{H}_5\text{CH}_2\text{OC}_6\text{H}_4\text{C}(\text{CH}_3)_3$ .  
ST houseflies at 2%. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 591-952-1001-1021.  
Ether, benzyl *o*-(2-methylallyl)phenyl;  
 $\text{C}_6\text{H}_5\text{CH}_2\text{OC}_6\text{H}_4\text{CH}_2\text{C}(\text{CH}_3)=\text{CH}_2$ .  
Fly spray. 112, 691P.
- 591-952-1001-1021.  
Ether, 5-*tert*-butyl-2-biphenyl methyl;  
 $\text{C}_6\text{H}_5\text{C}_6\text{H}_4[\text{OC}_6\text{H}_4]\text{C}(\text{CH}_3)_3$ . (Methyl ether of 4-*tert*-butyl-6-phenylphenol).  
Fly spray. 112, 212P.
- 591-952-1001-1021.  
Ether, benzyl *p*-(1-methylpropyl)-phenyl;  
 $\text{C}_6\text{H}_5\text{CH}_2\text{OC}_6\text{H}_4\text{CH}(\text{CH}_3)\text{C}_2\text{H}_5$ .  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 591-952-1002.  
Ether, *n*-butyl 5-*tert*-butyl-2-biphenyl;  
 $\text{C}_6\text{H}_5\text{C}_6\text{H}_4[\text{OC}_6\text{H}_4]\text{C}(\text{CH}_3)_3$ . (*n*-Butyl ether of 4-*tert*-butyl-6-phenylphenol).  
Fly spray. 112.
- 591-952-1002.  
Ether, *tert*-butyl 4-*tert*-butyl-2-biphenyl;  
 $\text{C}_6\text{H}_5\text{C}_6\text{H}_4[\text{OC}(\text{CH}_3)_3]\text{C}(\text{CH}_3)_3$ . *tert*-Butyl ether of 4-*tert*-butyl-6-phenylphenol).  
Fly spray. 112, 212P.
- 591-952-1002-1011.  
Ether, 3,5-di-*tert*-butyl-2-biphenyl ethyl;  
 $\text{C}_6\text{H}_5\text{C}_6\text{H}_3[\text{C}(\text{CH}_3)_3]_2\text{OC}_2\text{H}_5$ . (Ethyl ether of 2,4-di-*tert*-butyl-6-phenylphenol).  
Fly spray. 112, 212P.
- 591-952-1003-1021-1030.  
Ether, *o*-allylphenyl benzyl;  $\text{C}_6\text{H}_5\text{CH}_2\text{OC}_6\text{H}_4\text{CH}=\text{CH}_2$ .  
MT houseflies at 2%. 112, 688, 690P, 693P, 694P, 695P, 696P.
- 591-952-1003-1021-1030.  
Ether, allyl 4-benzylphenyl;  $\text{C}_6\text{H}_5\text{CH}_2\text{C}_6\text{H}_4\text{OCH}_2\text{CH}=\text{CH}_2$ . (Propene, 3-(*p*-benzylphenoxy)-; allyl ether of 4-benzyl phenol).  
Fly spray. 112, 209P.
- 591-952-1003-1022.  
Ether, benzyl 2-isopropyl-5-methylphenyl;  
 $\text{C}_6\text{H}_5\text{CH}_2\text{OC}_6\text{H}_3(\text{CH}_3)_2\text{CH}(\text{CH}_3)_2$ .  
Fly spray. 112, 691P.
- 591-952-1003-1022.  
Ether, benzyl thymyl;  
 $\text{C}_6\text{H}_5\text{CH}_2\text{OC}_6\text{H}_4(\text{CH}_3)\text{CH}(\text{CH}_3)_2$ .  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 591-952-1003-1030.  
Ether, allyl 2-biphenyl;  $\text{C}_6\text{H}_5\text{C}_6\text{H}_4\text{OCH}_2\text{CH}=\text{CH}_2$ . (Propene, 3-(*o*-phenylphenoxy)-; allyl ether of 2-phenylphenol).  
Fly spray. 112, 209P.
- 591-952-1003-1030.  
Ether, allyl 4-biphenyl;  $\text{C}_6\text{H}_5\text{C}_6\text{H}_4\text{OCH}_2\text{CH}=\text{CH}_2$ . (Propene, 3-*para*-oxy; allyl ether of 4-phenylphenol).  
MT houseflies at 3%. 112, 209P.
- 591-952-1011.  
Ether, 4-biphenyl ethyl;  $\text{C}_6\text{H}_5\text{C}_6\text{H}_4\text{OC}_2\text{H}_5$ . (*p*-Ethoxydiphenyl).  
T screwworms at 0.10-0.17%. 156, 559.
- 591-952-1021.  
Ether, benzyl phenyl;  $\text{C}_6\text{H}_5\text{CH}_2\text{OC}_6\text{H}_5$ .  
ST houseflies at 2%. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 591-952-1021.  
Ether, 2-biphenyl methyl;  $\text{C}_6\text{H}_5\text{C}_6\text{H}_4\text{OCH}_3$ . (*o*-Methoxydiphenyl).  
ST screwworms at 0.67%. 156.
- 591-952-1021.  
Ether, 4-biphenyl methyl;  $\text{C}_6\text{H}_5\text{C}_6\text{H}_4\text{OCH}_3$ . (*p*-Methoxydiphenyl).  
T screwworms at 0.05-0.08%. 156.
- 591-952-1021-1027.  
Ethers, alkylphenyl benzyl, CU;  $\text{C}_6\text{H}_5\text{CH}_2\text{OC}_6\text{H}_4\text{R}$ . Wherein R is an alkyl group containing at least 2 carbon atoms.  
Fly spray. 112, 688P, 691P.
- 591-952-1022.  
Ether, benzyl *m*-tolyl;  $\text{C}_6\text{H}_5\text{CH}_2\text{OC}_6\text{H}_4\text{CH}_3$ .  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 591-952-1022.  
Ether, benzyl *o*-tolyl;  $\text{C}_6\text{H}_5\text{CH}_2\text{OC}_6\text{H}_4\text{CH}_3$ .  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 591-952-1022.  
Ether, benzyl *p*-tolyl;  $\text{C}_6\text{H}_5\text{CH}_2\text{OC}_6\text{H}_4\text{CH}_3$ .  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 591-952-1022.  
Benzyl ether;  $\text{C}_6\text{H}_5\text{CH}_2\text{OCH}_2\text{C}_6\text{H}_5$ .  
NT red scale. 268.
- 591-952-1023.  
Ether, benzyl xylyl, CU;  $\text{C}_6\text{H}_5\text{CH}_2\text{OC}_6\text{H}_3(\text{CH}_3)_2$ .  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 591-952-1027.  
Ethers, alkylphenyl substituted, CU;  
 $\text{C}_6\text{H}_5\text{C}_6\text{H}_4(\text{R})\text{OC}_6\text{H}_4\text{H}_2$ . Alkyl ethers of alkylated phenyl-phenols, wherein at least one tertiary alkyl radical is attached to the benzene ring, and having the above formula, wherein R represents a tertiary alkyl group and n an integer.  
Fly spray. 112, 212P.
- 591-952-1027.  
Ethers, acylphenyl acylbenzyl, CU.  
An insecticidal composition containing a phenyl benzyl ether having an organic acyl group as a substituent in at least one of the benzene rings.  
Fly spray. 112, 690P.
- 591-952-1045.  
Ethers, benzyl-substituted phenyl, CU;  $\text{BzOPh(A)Y}$ . The above formula wherein Bz represents a benzyl group, Ph represents a phenyl nucleus, Y represents a member of the group consisting of hydrogen, aliphatic hydrocarbon groups, and a nitro group, and A represents a neutral substituent selected from the group consisting of salts, esters, and amides of -COOH and -SO<sub>3</sub>H groups.  
Fly spray. 112, 693P.
- 591-953-1021.  
Ether, benzyl 2-biphenyl;  $\text{C}_6\text{H}_5\text{CH}_2\text{OC}_6\text{H}_4\text{C}_6\text{H}_5$ .  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 591-953-1021.  
Ether benzyl 4-biphenyl;  $\text{C}_6\text{H}_5\text{CH}_2\text{OC}_6\text{H}_4\text{C}_6\text{H}_5$ . (Ether, benzyl xenyl; benzyl 4-phenylphenyl ether).

- MT houseflies at 2%. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 591-953-1021.  
Ether, diphenylmethyl phenyl;  $(C_6H_5)_2CHOC_6H_5$ .  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 591-953-1022.  
Ether, benzyl *p*-benzylphenyl;  $C_6H_5CH_2OC_6H_4CH_2C_6H_5$ .  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P, 696P.
- 591-954-1021-1193-1325.  
Phosphonium hydroxide, *m*-toloxytriphenyl-;  $(CH_3C_6H_4O)(C_6H_5)_3POH$ .  
T as mothproofing agent. 441P, 1179.
- 591-954-1021-1193-1325.  
Phosphonium hydroxide, *o*-toloxytriphenyl-;  $(CH_3C_6H_4O)(C_6H_5)_3POH$ .  
T as mothproofing agent. 441P, 1179.
- 591-954-1021-1193-1325.  
Phosphonium hydroxide, *p*-toloxytriphenyl-;  $(CH_3C_6H_4O)(C_6H_5)_3POH$ .  
T as mothproofing agent. 441P, 1179.
- 591-954-1022-1193-1325.  
Phosphonium hydroxide, (3,5-dimethylphenoxy)triphenyl-;  $\{(CH_3)_2C_6H_3O\}(C_6H_5)_3POH$ .  
T as mothproofing agent. 441P, 1179.
- 591-954-1023-1193-1325.  
Phosphonium hydroxide, phenoxytri-*o*-tolyl-;  $(C_6H_5O)(CH_3C_6H_4)_3POH$ .  
T as mothproofing agent. 441P, 1179.
- 591-954-1193-1325.  
Phosphonium hydroxide, phenoxytriphenyl-;  $(C_6H_5O)(C_6H_5)_3POH$ .  
T as mothproofing agent. 441P, 1179.
- 591-955-1021-1193-1325.  
Phosphonium hydroxide, (*o*-benzylphenoxy)triphenyl-;  $(C_6H_5CH_2C_6H_4O)(C_6H_5)_3POH$ .  
T as mothproofing agent. 441P, 1179.
- 591-955-1021-1193-1325.  
Phosphonium hydroxide, (*p*-benzylphenoxy)triphenyl-;  $(C_6H_5CH_2C_6H_4O)(C_6H_5)_3POH$ .  
T as mothproofing agent. 441P, 1179.
- 591-957-1003-1022-1027.  
Ether, alkyl terphenyl-, CU;  $(CH_3)_3C(OR)C_6H_5(OH)CH_3$ ?  
(Terphenyl aliphatic ether). 1275P.
- 591-999-1021.  
Ether, amyl methyl-;  $CH_3(CH_2)_4OCH_3$ . (Methyl *n*-amyl ether; 1-methoxypentane).  
HT rice weevil; NT red scale. 268, 1180.
- 591-1000.  
Amyl ether;  $C_5H_{11}OC_6H_5$ .  
NT rice weevil. 1180.
- 591-1000.  
Isoamyl ether;  $\{(CH_3)_2CHCH_2CH_3\}_2O$ .  
NT rice weevil. 1180.
- 591-1001-1011.  
Ether, butyl ethyl;  $C_4H_9OC_2H_5$ . (Ethyl *n*-butyl ether; 1-ethoxybutane).  
HT rice weevil; ST red scale. 268, 1180.
- 591-1001-1013-1356.  
Phosphoric acid ( $\beta$ -butoxyethyl)-diethyl ester;  $(C_4H_9OC_2H_5)(C_2H_5)_2PO_4$ .  
T as mothproofing agent. 440P, 446P, 1179.
- 591-1001-1021.  
Ether, butyl methyl-;  $CH_3OC_4H_9$ . (Methyl *n*-butyl ether; 1-methoxybutane).  
HT rice weevil; ST red scale. 268, 1180.
- 591-1002.  
Butyl ether;  $C_4H_9OC_6H_5$ .  
MT rice weevil. 1180.
- 591-1003-1011-1030.  
Ether, allyl ethyl-;  $C_2H_5OCH_2CH=CH_2$ . (3-Ethoxypropene).  
MT wireworms at 805.0 mgs. per liter. 268, 846, 1180.
- 591-1004.  
Propyl ether;  $C_3H_7OC_6H_5$ .  
HT rice weevil; T *Chrysomphalus aurantii*. 268, 1180.
- 591-1004.  
Isopropyl ether;  $(CH_3)_2CHOCH(CH_3)_2$ .  
HT rice weevil; T *Chrysomphalus aurantii*. 268, 1180.
- 591-1012.  
Ethyl ether;  $C_2H_5OC_2H_5$ . (Ethoxyethane; ethyl oxide; sulfuric ether; diethyl ether; ether).  
ST red scale and rice weevil; NT screwworms. 26, 268, 1180.
- 592-626-950-1003-1022-1030.  
Apiole;  $CH_3:CHCH_2C_6H_4(CH_3O)_2(CH_2O)_2$ . (1-Allyl-2,5-di-methoxy 3,4-methylenedioxybenzene).  
ST *Lucilia cuprina* larvae. 849.
- 592-650-952-952-1022.  
Triazene, 1,3-bis(4-chloro-2-methoxyphenyl)-;  $Cl(CH_3O)C_6H_3N:NNHC_6H_3(OCH_3)Cl$ . (4-Chloro-2-methoxyphenyldiazamino-2'-methoxy-4'-chlorobenzene). 341P.
- 592-665-671-952-1022.  
*o*-Anisidine, 4-(*o*-anisylazo)-;  $CH_3OC_6H_4N:NC_6H_3(NH_2)OCH_3$ . (2-Amino-5-azo-anisole).  
MT greenhouse red spider at 2%; NT silkworm and NT southern army worm at 4%. 559, 1481.
- 592-665-672-952.  
*o*-Anisidine, 4,4'-azodi-;  $[CH_3O(C_6H_4)N]_2$ . (4,4'-Azobis(*o*-anisidine)-).  
NT mosquito larvae. 487.
- 592-665-852-952-1022.  
Arobenzene, 2,5-dichloro-2',4'-methoxy-;  $Cl_2C_6H_3N:NC_6H_3(OCH_3)_2$ . (4-(2,5-Dichlorophenyl-azo)-resorcinol dimethyl ether).  
NT mosquito larvae. 487.
- 592-665-952-1012.  
Phenetole, *p,p'*-azodi-;  $(C_6H_5OC_6H_4)_2$ . (*p,p'*-Azobisphenetole).  
NT screwworms. 156, 1120.
- 592-672-952.  
Dianisidine, CU;  $[-C_6H_3(NH_2)OCH_3]_2$ . (Di(methoxy-aniline)-).  
NT screwworms and codling moth. 156, 915.
- 592-681-952-1003.  
Diphenylamine, 4,4'-disopropoxy-;  $(C_6H_7OC_6H_5)_2NH$ . (*p*-Isopropoxydiphenylamine).  
NT mosquito larvae. 487.
- 592-681-952-1022.  
Diphenylamine, 4,4'-dimethoxy-;  $(CH_3OC_6H_5)_2NH$ . (*p,p'*-Dimethoxydiphenylamine).  
MT mosquito larvae. 487.
- 592-701-951-1023.  
Benzonitrile, 2,6-dimethoxy-;  $(CH_3O)_2C_6H_3CN$ .  
NT mosquito larvae. 172.
- 592-781-852-954-1022.  
Sulfide, bis(5-chloro-2-phenylmethoxyphenyl)-;  $[C_6H_4CH_2OC_6H_3(Cl)_2]_2S$ .  
Fly spray. 112, 688P, 690P, 691P, 692P, 693P, 694P, 695P, 696P.
- 592-781-954-1022.  
Sulfide, bis(4-phenylmethoxyphenyl)-;  $(C_6H_5CH_2OC_6H_4)_2S$ .  
Fly spray. 112, 688P, 690P, 691P, 692P, 693P, 694P, 695P, 696P.
- 592-841-851-951-1003-1011-1021.  
Ether, 4-(3-bromotolyl) 2-(3-chloropropoxyethyl)-;  $CH_3(Br)C_6H_4OC_2H_4OC_2H_4Cl$ . (Ethane, 1-(2-bromo-*p*-toloxy)-2-(3-chloropropoxy)-;  $\beta$ -(2-bromo-4-methyl phenoxy)- $\gamma'$ -chloro ethyl propyl ether).  
Fly spray. 112, 215P.
- 592-841-851-951-1003-1011-1030.  
Ether, 2-bromoallyl 2-(*p*-chlorophenoxy)ethyl;  $CH_3CH_2OC_6H_4OCH_2C(Br)CH_3$ . ( $\beta$ -4-Chlorophenoxy-ethyl) (2-bromo-allyl) ether).  
Fly spray. 112, 1019P.
- 592-841-851-951-1004-1021.  
Ether, 2-(2-bromo-*p*-tolyl)-1-(2-chloropropoxy)propyl-;  $Br(CH_3)_2C_6H_4OCH(CH_3)CH_2OCH_2CH(Cl)CH_3$ . (Propane, 2-(2-bromo-*p*-toloxy)-1-(2-chloropropoxy)-;  $\beta$ -(2-bromo-4-methyl-phenoxy)- $\beta'$ -chloro ethyl propyl ether).  
Fly spray. 112, 215P.
- 592-841-851-951-1012-1021.  
Ether, 2-(4-bromotolyl) 2-chloroethoxyethyl;  $Br(CH_3)_2C_6H_4OC_2H_4OC_2H_4Cl$ . (Ethane, 1-(4-bromo-*o*-toloxy)-2-(2-chloroethoxy)-;  $\beta$ -(2-methyl-4-bromophenoxy)- $\beta'$ -chlorodiethyl ether).  
MT houseflies at 3%. 112, 213P, 215P.
- 592-841-852-951-1012.  
Ether, 2-bromo-4-chlorophenyl 2-chloroethoxyethyl;  $Cl(Br)C_6H_4OC_2H_4OC_2H_4Cl$ . (Ethane, 1-(2-bromo-

- 4-chlorophenoxy)-2-(2-chlorophenoxy)-;  $\beta$ -(2-bromo-4-chlorophenoxy)- $\beta'$ -chlorodiethyl ether).  
 MT houseflies at 3%, 112, 214P, 215P.  
 592-841-853-951-1003-1011-1030.  
 Ether, 2-bromoallyl-2-(2,4,6-trichlorophenoxy)ethyl;  
 $\text{Cl}_3\text{C}_6\text{H}_3\text{O}_2\text{C}_2\text{H}_4\text{OCH}_2\text{C}(\text{Br})\text{CH}_3$ . ( $\beta$ -(2,4,6-Trichlorophenoxy)ethyl)-(2-bromoallyl) ether).  
 Fly spray, 112, 1019P.  
 592-841-853-951-1004.  
 Ether, 1-(2-bromopropoxyisopropyl) 2,4,6-trichlorophenyl-;  
 $\text{Cl}_3\text{C}_6\text{H}_3\text{OCH}(\text{CH}_3)\text{CH}_2\text{OCH}_2\text{CH}(\text{Br})\text{CH}_3$ . (Propane, 1-2-bromopropoxy)-2-(2,4,6-trichlorophenoxy)-;  $\beta$ -(2,4,6-trichloro-phenoxy)- $\beta'$ -bromodipropyl ether).  
 Fly spray, 112, 215P.  
 592-841-853-951-1012.  
 Ether, 2-bromoethoxyethyl 2,4,6-trichlorophenyl-;  
 $\text{Cl}_3\text{C}_6\text{H}_3\text{OCH}_2\text{CH}_2\text{OCH}_2\text{H}$ . (Ethane, 1-(2-bromoethoxy)-2-(2,4,6-trichlorophenoxy)-;  $\beta$ -(2,4,6-trichlorophenoxy)- $\beta'$ -bromodiethyl ether).  
 Fly spray, 112, 214P, 215P.  
 592-841-853-951-1012.  
 Ether, 2-bromo-4,6-dichlorophenyl 2-chloroethoxyethyl-;  
 $\text{Cl}_3\text{C}_6\text{H}_3\text{OCH}_2\text{CH}_2\text{OCH}_2\text{H}$ . (Ethane, 1-(2-bromo-4,6-dichlorophenoxy)-2-(2-chloroethoxy)-;  $\beta$ -(2-bromo-4,6-dichloro-phenoxy)- $\beta'$ -chloro-diethyl).  
 MT houseflies at 3%, 112, 214P, 215P.  
 592-841-853-951-1012.  
 Ether, 4-bromo-2,6-dichlorophenyl 2-chloroethoxyethyl-;  
 $\text{Cl}_3\text{C}_6\text{H}_3\text{OCH}_2\text{CH}_2\text{OCH}_2\text{H}$ . (Ethane, 1-(4-bromo-2,6-dichlorophenoxy)-2-(2-chloroethoxy)-;  $\beta$ -(4-bromo-2,6-dichloro-phenoxy)- $\beta'$ -chloro-diethyl ether).  
 MT houseflies at 3%, 112, 214P, 215P.  
 592-841-853-951-1012-1021.  
 Ether, 2-bromoethoxyethyl 3-(2,4,6-trichlorotolyl)-;  
 $\text{Cl}_3(\text{CH}_3)\text{C}_6\text{H}_2\text{OCH}_2\text{CH}_2\text{OCH}_2\text{H}$ . (Ethane, 1-(2-bromoethoxy)-2-(2,4,6-trichloro-m-toloxyl)-;  $\beta$ -(2,4,6-trichloro-5-methyl-phenoxy)- $\beta'$ -bromodiethyl ether).  
 Fly spray, 112, 213P.  
 592-841-871-951-1012.  
 Ether, 2-bromoethoxyethyl *p*-iodophenyl-;  
 $\text{ICl}_6\text{H}_4\text{OCH}_2\text{CH}_2\text{OCH}_2\text{H}$ . (Ethane, 1-(2-bromoethoxy)-2-(*p*-iodophenoxy)-;  $\beta$ -(4-iodophenoxy)- $\beta'$ -bromodiethyl ether).  
 T houseflies, 110, 112, 214P.  
 592-842-851-951-1012.  
 Ether, 2-chloroethoxyethyl 2,4-dibromophenyl-;  
 $\text{Br}_2\text{C}_6\text{H}_3\text{OCH}_2\text{CH}_2\text{OCH}_2\text{H}$ . (Ethane, 1-(2-chloroethoxy)-2-(2,4-dibromophenoxy)-;  $\beta$ -(2,4-dibromophenoxy)- $\beta'$ -chlorodiethyl ether).  
 MT houseflies at 3%, 112, 214P, 215P.  
 592-842-951-999-1012.  
 Ether, 4-amyl-2-bromophenyl 2-bromoethoxyethyl-;  
 $\text{C}_5\text{H}_{11}\text{C}_6\text{H}_3(\text{Br})\text{OCH}_2\text{CH}_2\text{OCH}_2\text{H}$ . (Ethane, 1-(2-bromoethoxy)-2-(4-n-amyl-2-bromophenoxy)-;  $\beta$ -(2-bromo-4-n-amyl-phenoxy)- $\beta'$ -bromodiethyl ether).  
 Fly spray, 112, 213P, 215P.  
 592-842-951-1012.  
 Ether, 2-bromoethoxyethyl 2-bromophenyl-;  
 $\text{Br}_2\text{C}_6\text{H}_4\text{OCH}_2\text{CH}_2\text{OCH}_2\text{H}$ . (Ethane, 1-(2-bromophenoxy)-2-(2-chloroethoxy)-;  $\beta$ -(2-bromo-phenoxy)- $\beta'$ -chloro-diethyl ether).  
 Fly spray, 112, 214P.  
 592-843-951-951-1012.  
 Ether, 2-chloroethoxyethyl 2,4,6-tribromophenyl-;  
 $\text{Br}_3\text{C}_6\text{H}_3\text{OCH}_2\text{CH}_2\text{OCH}_2\text{H}$ . (Ethane, 1-(2-chloroethoxy)-2-(2,4,6-tribromophenoxy)-;  $\beta$ -(2,4,6-tribromophenoxy)- $\beta'$ -chlorodiethyl ether).  
 Fly spray, 112, 214P.  
 592-844-951-1012.  
 Ether, 2-bromoethoxyethyl 2,4,6-tribromophenyl-;  
 $\text{Br}_3\text{C}_6\text{H}_3\text{OCH}_2\text{CH}_2\text{OCH}_2\text{H}$ . (Ethane, 1-(2-bromoethoxy)-2-(2,4,6-tribromophenoxy)-;  $\beta$ -(2,4,6-tribromophenoxy)- $\beta'$ -bromodiethyl ether).  
 Fly spray, 112, 215P.  
 592-845-951-1012-1021.  
 Ether, 2-bromoethoxyethyl 3-(2,4,5,6-tetrabromotolyl)-;  
 $\text{Br}_4(\text{CH}_3)\text{C}_6\text{H}_2\text{OCH}_2\text{CH}_2\text{OCH}_2\text{H}$ . (Ethane, 1-(2-bromoethoxy)-2-(2,4,5,6-tetrabromo-m-toloxyl)-;  $\beta$ -(2,4,5,6-tetrabromo-3-methyl-phenoxy)- $\beta'$ -bromo-diethyl ether).  
 Fly spray, 112, 213P.  
 592-851-871-951-1012.  
 Ether, *m*-chlorophenyl 2-iodoethoxyethyl-;  
 $\text{ClCH}_2\text{CH}_2\text{OCH}_2\text{CH}_2\text{OCH}_2\text{H}$ . (Ethane, 1-(*m*-chlorophenoxy)-2-(2-iodoethoxyethyl)-;  $\beta$ -(2-chlorophenoxy)- $\beta'$ -iodo-diethyl ether).  
 Fly spray, 110, 112, 215P.  
 592-851-871-951-1012.  
 Ether, *p*-chlorophenyl 2-iodoethoxyethyl-;  
 $\text{ClCH}_2\text{CH}_2\text{OCH}_2\text{CH}_2\text{OCH}_2\text{H}$ . (Ethane, 1-(2-chlorophenoxy)-2-(2-iodoethoxyethyl)-;  $\beta$ -(2-chloro-4-methyl-phenoxy)- $\beta'$ -iodo diethyl ether).  
 Fly spray, 110, 112, 213P.  
 592-851-871-951-1012-1021.  
 Ether, 4-(3-chlorotolyl) 2-iodoethoxyethyl-;  
 $\text{Cl}(\text{CH}_3)\text{C}_6\text{H}_4\text{OCH}_2\text{CH}_2\text{OCH}_2\text{H}$ . (Ethane, 1-(2-chloro-*p*-toloxyl)-2-(2-iodoethoxy)-;  $\beta$ -(2-chloro-4-methyl-phenoxy)- $\beta'$ -iodo diethyl ether).  
 Fly spray, 110, 112, 213P.  
 592-851-951-961-1004-1030.  
 Ether, 2-chloroallyl 3-(*o*-cyclohexylphenoxy)propyl-;  
 $\text{C}_6\text{H}_{11}\text{C}_6\text{H}_4\text{OCH}_2\text{CH}_2\text{OCH}_2\text{C}(\text{Cl})\text{CH}_3$ . ( $\gamma$ -2-Cyclohexyl-phenoxy)propyl-(2-chloroallyl) ether).  
 Fly spray, 112, 1019P.  
 592-851-951-961-1012.  
 Ether, 2-chloroallyl 2-cyclohexylphenyl *p*-cyclohexylphenyl-;  
 $\text{C}_6\text{H}_{11}\text{C}_6\text{H}_4\text{OCH}_2\text{CH}_2\text{OCH}_2\text{H}$ . ( $\beta$ -(2-Chloroethoxy)-4-cyclohexylphenol; 2-(2-(chloroethoxy)ethyl (4-cyclohexylphenyl) ether).  
 T many species of insects, 13.  
 592-851-951-1001-1011-1021-1030.  
 Ether, chlorobutanyl 2-toloxylethyl, CU;  
 $\text{CH}_3\text{C}_6\text{H}_4\text{OCH}_2\text{CH}_2\text{OCH}_2\text{H}$ . ( $\beta$ -Toloxyl-ethyl) (monochloro-butenyl) ether).  
 Fly spray, 112, 1019P.  
 592-851-951-1001-1012-1030.  
 Ether, 2-(2-chloro-4-*tert*-butylphenoxy)ethyl vinyl;  
 $(\text{CH}_3)_3\text{C}(\text{Cl})\text{C}_6\text{H}_3\text{OCH}_2\text{CH}_2\text{OCH}_2\text{H}$ . ( $\beta$ -(2-Chloro-4-*tert*-butyl phenoxy)-ethyl vinyl ether).  
 Fly spray, 112, 1017P.  
 592-851-951-1003-1011-1021-1030.  
 Ether, 2-chloroallyl 2-*o*-toloxylethyl;  
 $\text{CH}_3\text{C}_6\text{H}_4\text{OCH}_2\text{CH}_2\text{OCH}_2\text{C}(\text{Cl})\text{CH}_3$ . ( $\beta$ -2-Toloxylethyl (2-chloro-allyl) ether).  
 Fly spray, 112, 1017P, 1018P, 1019P.  
 592-851-951-1003-1011-1030.  
 Ether, allyl 2-(*p*-chlorophenoxy)ethyl;  
 $\text{ClCH}_2\text{CH}_2\text{OCH}_2\text{CH$

592-851-953-1011-1021.

Methane, (*p*-chlorophenoxy) (diphenyl)ethoxy-; $\text{ClC}_6\text{H}_4\text{OC}(\text{C}_6\text{H}_5)_2\text{OC}_2\text{H}_5$ .

Fly spray. 112, 683P, 690P, 693P, 694P, 695P, 696P.

592-851-995-1027.

2-Propanone, 1-chloro-, dialkyl ketal;

 $(\text{CH}_3)_2\text{CHC}(\text{OR})_2\text{CCl}(\text{CH}_3)_2$ . (Monochloroisopropyl ketone dialkyl ketal). 343P.

592-851-1003-1012.

2-Propanone, 1-chloro-, diethyl ketal;

 $(\text{CH}_3\text{Cl})\text{CH}_2\text{C}(\text{OC}_2\text{H}_5)_2$ . (Monochloracetone-diethyl-ketal).

T wheat weevil. 343P, 1160P.

592-851-1013.

Acetaldehyde, chloro-, diethyl acetal;

 $\text{ClCH}_2\text{CH}(\text{OC}_2\text{H}_5)_2$ . (Diethyl chloroacetal). 1337P.

592-851-1045.

Ethers, aroxydialkyl chloroalkoxy, CU;

 $\text{RO}(\text{C}(\text{R}')(\text{R}'')(\text{CnH}_{2n+1}\text{O}))\text{wC}_6\text{H}_4\text{NCl}$ . (Ethane, 1-(2-chloroalkoxy)-2-(aroxyalkoxy)-; chloroalkoxy aroxy dialkyl ethers.

The formula above wherein R represents an aromatic radical, R' and R'' represent a member of the group consisting of hydrogen and methyl, w is one of the integers 2 or 3, n is not greater than 3, and n is not greater than 4.

Fly spray. 112, 207P.

592-852-951-997-1012.

Ether, 2-chloroethoxyethyl 2-chloro-4-*tert*-hexylphenyl-; $(\text{C}_6\text{H}_5)_2\text{C}(\text{CH}_3)\text{C}_6\text{H}_4(\text{Cl})\text{OC}_2\text{H}_4\text{OC}_2\text{H}_4\text{Cl}$ . (Ethane, 1-(2-chloroethoxy)-2-(2-chloro-4-*tert*-hexylphenoxy)-;  $\beta$ -(2-chloro-4-*tert*-hexylphenoxy)- $\beta'$ -chloro-diethyl ether).

Fly spray. 112, 213P.

592-852-951-1001-1004-1021.

Ether, 2-(3-chloro-5-*tert*-butyltolyl) 3-chloropropoxypropyl-; $(\text{CH}_3)_2\text{CClCH}_2\text{C}(\text{CH}_3)(\text{Cl})\text{OC}_3\text{H}_6\text{OC}_3\text{H}_6\text{Cl}$ . (Propane, 1-(3-chloropropoxy)-3-(1-chloro-6-methyl-4-*tert*-butylphenoxy)-;  $\gamma$ -(2-chloro-4-*tert*-butyl-6-methyl-phenoxy)- $\gamma'$ -chloro dipropyl ether).

Fly spray. 112, 213P.

592-852-951-1001-1012.

Ether, 2-chloro-4-*tert*-butylphenyl 2-chloroethoxyethyl-; $(\text{CH}_3)_2\text{CClCH}_2\text{C}(\text{Cl})\text{OC}_2\text{H}_4\text{OC}_2\text{H}_4\text{Cl}$ . (Ethane, 1-(2-chloroethoxy)-2-(4-*tert*-butyl-2-chlorophenoxy)-;  $\beta$ -(2-chloro-4-*tert*-butyl-phenoxy)- $\beta'$ -chloro-diethyl ether; ethane, 1-(4-*tert*-butyl-2-chlorophenoxy)-2-(2-chloroethoxy)-).

Fly spray. 112, 213P, 215P.

592-852-951-1001-1012-1021.

Ether, 2-(3-chloro-5-*tert*-butyltolyl) 2-chloroethoxyethyl-; $(\text{CH}_3)_2\text{CClCH}_2\text{C}(\text{CH}_3)(\text{Cl})\text{OC}_2\text{H}_4\text{OC}_2\text{H}_4\text{Cl}$ . (Ethane, 1-(4-*tert*-butyl-2-chloro-6-methylphenoxy)-2-(2-chloroethoxy)-;  $\beta$ -(2-methyl-4-*tert*-butyl-6-chloro-phenoxy)- $\beta'$ -chloro diethyl ether).

Fly spray. 112, 215P.

592-852-951-1003-1011-1030.

Ether, 2-chloroallyl 2-(*p*-chlorophenoxy)ethyl; $\text{ClC}_6\text{H}_4\text{OC}_2\text{H}_4\text{OCH}_2\text{C}(\text{Cl})\text{CH}_2$ . (( $\beta$ -4-chlorophenoxy-ethyl)(2-chloroallyl) ether).

Fly spray. 112, 1019P.

592-852-951-1001-1003-1011-1030.

Ether, 2-chloroallyl 2-(4-*tert*-butyl-2-chlorophenoxy)ethyl; $(\text{CH}_3)_2\text{CClCH}_2\text{C}(\text{Cl})\text{OC}_2\text{H}_4\text{OCH}_2\text{C}(\text{Cl})\text{CH}_2$ . (( $\beta$ -2-Chloro-4-*tert*-butyl-phenoxy-ethyl)(2-chloro-allyl) ether).

Fly spray. 112, 1019P.

592-852-951-1012.

Ether, 2-chloroethoxyethyl *o*-chlorophenyl-; $\text{ClC}_6\text{H}_4\text{OC}_2\text{H}_4\text{OC}_2\text{H}_4\text{Cl}$ . (Ethane, 1-(2-chloroethoxy)-2-(*o*-chlorophenoxy)-;  $\beta$ -(2-chlorophenoxy)- $\beta'$ -chloro-diethyl ether).

MT houseflies at 3%. 112, 214P, 215P.

592-852-951-1012.

Ether, 2-chloroethoxyethyl *p*-chlorophenyl-; $\text{ClC}_6\text{H}_4\text{OC}_2\text{H}_4\text{OC}_2\text{H}_4\text{Cl}$ . (Ethane, 1-(2-chloroethoxy)-2-*p*-chlorophenoxy); (2-(2-chloroethoxy)ethyl) (4-chlorophenyl) ether;  $\beta$ -(2-chloroethoxy)-4-chlorophenol).

T many species of insects. 13, 112, 214P, 215P.

592-852-952-1002-1021.

Methane, bis(2-*n*-butoxy-5-chlorophenyl)-; $\text{CH}_3(\text{ClC}_6\text{H}_4\text{OC}_2\text{H}_5)_2$ . (2,2'-Di-*n*-butoxy-5,5'-dichlorodiphenyl methane).

T as mothproofing agent. 447P, 457P, 1179.

592-852-953-1013.

Ethane, 1-chloroethoxy-2-[*o*-chloro-*o*-( $\alpha$ -methyl-

benzyl)-2-biphenyl];

 $\text{ClC}_6\text{H}_4\text{OC}_2\text{H}_4\text{OC}_2\text{H}_4\text{C}(\text{C}_6\text{H}_5)(\text{Cl})\text{CH}(\text{CH}_3)\text{C}_6\text{H}_5$ . ( $\beta$ -(2-Phenyl- $\alpha$ -phenylethyl-chloro-phenoxy)- $\beta'$ -chlorodiethyl ether).

T nematodes and insects. 1387AP.

592-852-995-1027.

3-Pentanone, 2,4-dichloro-2,4-dimethyl-, dialkyl ketal;

 $(\text{CH}_3)_2\text{CClC}(\text{OR})_2\text{CCl}(\text{CH}_3)_2$ . (Dichloroisopropyl ketone dialkyl ketal). 343P.

592-852-1003-1022.

2-Propanone, 1,1-dichloro-, dimethyl ketal;

 $(\text{CH}_3)_2\text{CH}_2\text{C}(\text{OCH}_3)_2$ ? (1,1-Dichloroacetone-dimethylketal).

T wheat weevil. 1160P.

592-852-1003-1022.

2-Propanone, 1,3-dichloro-, dimethyl ketal;

 $(\text{CH}_3\text{Cl})\text{C}(\text{OC}_2\text{H}_5)_2$ . (1,3-Dichloro-acetone-dimethylketal).

T wheat weevils. 343P, 1160P.

592-853-871-951-1004.

Ether, 1-(1-iodoisopropoxy)isopropyl 2,4,6-trichlorophenyl-;

 $(\text{CH}_3)_2\text{ICOCCH}_2\text{CH}(\text{Cl})_2\text{OC}_6\text{H}_2\text{Cl}_3$ .(Ethane, 1-(2-iodoisopropoxy)-2-methyl-2-(2,4,6-trichlorophenoxy)-;  $\beta$ -(2,4,6-trichloro-phenoxy)- $\beta'$ -iodo-diisopropyl ether). 110, 123P.

592-853-871-951-1012.

Ether, 2-iodoethoxyethyl 2,4,6-trichlorophenyl-;

 $\text{Cl}_3\text{C}_6\text{H}_2\text{OC}_2\text{H}_4\text{OC}_2\text{H}_4\text{I}$ . (Ether, 2-iodo-2'-(2,4,6-trichlorophenoxy)diethyl;  $\beta$ -(2,4,6-trichlorophenoxy)- $\beta'$ -iodo-diethyl ether).

T black carpet beetle. 110, 112, 122P, 123P.

592-853-951-1001-1012.

Ether, 2-chloroethoxyethyl 4-*tert*-butyl 2,6-dichlorophenyl-; $(\text{CH}_3)_2\text{CClCH}_2\text{C}(\text{Cl})\text{OC}_2\text{H}_4\text{OC}_2\text{H}_4\text{Cl}$ . (Ethane, 1-(2-chloroethoxy)-2-(4-*tert*-butyl-2,6-dichlorophenoxy)-;  $\beta$ -(2,6-dichloro-4-*tert*-butyl-phenoxy)- $\beta'$ -chloro-diethyl ether).

Fly spray. 112, 213P, 215P.

592-853-951-1003-1011-1030.

Ether, allyl 2-(2,4,6-trichlorophenoxy)ethyl;

 $\text{Cl}_3\text{C}_6\text{H}_2\text{OCH}_2\text{CH}_2\text{CH}_2$ . ( $\beta$ -(2,4,6-Trichlorophenoxy)-ethyl allyl ether).

Fly spray. 112, 1017P, 1018P.

592-853-951-1012.

Ether, 2-chloroethoxyethyl 2,4-dichlorophenyl-;

 $\text{Cl}_2\text{C}_6\text{H}_3\text{OC}_2\text{H}_4\text{OC}_2\text{H}_4\text{Cl}$ . (Ethane, 1-(2-chloroethoxy)-2-(2,4-dichlorophenoxy)-;  $\beta$ -(2,4-dichlorophenoxy)- $\beta'$ -chloro-diethyl ether).

MT houseflies at 3%. 112, 214P, 215P.

592-853-951-1012-1021.

Ether, 2-chloroethoxyethyl 2-(3,5-dichlorotolyl)-;

 $\text{CH}(\text{Cl}_2)\text{C}_6\text{H}_3\text{OC}_2\text{H}_4\text{OC}_2\text{H}_4\text{Cl}$ . (Ethane, 1-(2-chloroethoxy)-2-(4,6-dichloro-*o*-toloxy)-;  $\beta$ -(2,4-dichloro-6-methyl phenoxy)- $\beta'$ -chloro-diethyl ether).

MT houseflies at 3%. 112, 213P, 215P.

592-853-952-1004.

Ether, 3-(3-chloropropoxy)-2-propyl 2,4-dichlorophenyl-;

 $\text{Cl}_2\text{C}_6\text{H}_3\text{OCH}(\text{CH}_3)\text{CH}_2\text{OC}_3\text{H}_6\text{Cl}$ . (Propane, 1-(3-chloropropoxy)-2-(2,4-dichloro-phenoxy)-;  $\beta$ -(2,4-dichloro-phenoxy)- $\gamma$ -chloro-dipropyl ether).

Fly spray. 112, 214P.

592-854-951-997-1004.

Ether, 3-(3-chloropropoxy)propyl 2,4,6-trichlorophenyl-;

 $\text{C}_6\text{H}_3(\text{Cl}_3)\text{C}_6\text{H}_2\text{OC}_3\text{H}_6\text{OC}_3\text{H}_6\text{Cl}$ . (Propane, 1-(3-chloropropoxy)-3-(3,4,6-trichloro-2-*n*-hexylphenoxy)-;  $\gamma$ -(2,4,5-trichloro-6-normal-hexylphenoxy)- $\gamma'$ -chloro-dipropyl ether).

Fly spray. 112, 213P.

592-854-951-1001-1011.

Ether, 2-(1-chloropropoxy)ethyl 2,4,6-trichlorophenyl-;

 $\text{Cl}_3\text{C}_6\text{H}_2\text{OC}_2\text{H}_4\text{OC}(\text{CH}_3)(\text{Cl})\text{C}_6\text{H}_5$ . (Ethane, 1-(2-chloropropoxy)-2-(2,4,6-trichlorophenoxy)-;  $\beta$ -(2,4,6-trichloro-phenoxy)- $\beta'$ -chloro-ethyl propyl ether).

Fly spray. 112, 214P.

592-854-951-1004.

Ether, 3-(3-chloropropoxy)propyl 2,4,6-trichlorophenyl-;

 $\text{Cl}_3\text{C}_6\text{H}_2\text{OC}_3\text{H}_6\text{OC}_3\text{H}_6\text{Cl}$ . (Propane, 1-(3-chloropropoxy)-3-(2,4,6-trichlorophenoxy)-;  $\gamma$ -(2,4,6-trichloro-phenoxy)- $\gamma'$ -chloro-dipropyl ether).

Fly spray. 112, 215P.

592-854-951-1012.

Ether, 2-chloroethoxyethyl 2,4,6-trichlorophenyl-;

$\text{Cl}_3\text{C}_6\text{H}_4\text{OC}_2\text{H}_4\text{OC}_2\text{H}_4\text{Cl}$ . (Ethane, 1-(2-chloroethoxy)-2-(2,4,6-trichlorophenoxy)-;  $\beta$ -(2-chloroethoxy)-2,4,6-trichlorophenylene; (2-(2-chloroethoxy)-ethyl) (2,4,6-trichlorophenyl) ether).

HT houseflies when dissolved in kerosene;

T many species of insects. 13, 112, 209P, 215P.

592-854-951-1012.

Ether, 2-chloroethoxyethyl 2,4,6-trichlorophenyl-;  $\text{Cl}_3\text{C}_6\text{H}_2\text{OC}_2\text{H}_4\text{OC}_2\text{H}_4\text{Cl}$ . (Ethane, 1-(2-chloroethoxy)-2-(2,4,6-trichlorophenoxy)-;  $\beta$ -(2,4,6-trichlorophenoxy)- $\beta'$ -chloro-diethyl ether).

MT houseflies at 3%. 112, 214P, 215P.

592-854-951-1012-1022.

Ether, 2-chloroethoxyethyl 2,4,6-trichloro-3,5-xylyl-;  $\text{Cl}_3(\text{CH}_3)_2\text{C}_6\text{H}_2\text{OC}_2\text{H}_4\text{OC}_2\text{H}_4\text{Cl}$ . (Ethane, 1-(2-chloroethoxy)-2-(3,5-dimethyl-2,4,6-trichlorophenoxy)-;  $\beta$ -(2,4,6-trichloro-3,5-dimethylphenoxy)- $\beta'$ -chloro-diethyl ether).

Fly spray. 112, 213P, 215P.

592-855-951-1012.

Ether, (2-(2-chloroethoxy)ethyl) (2,3,4,6-tetrachlorophenyl)-;  $\text{Cl}_4\text{C}_6\text{H}_2\text{OC}_2\text{H}_4\text{OC}_2\text{H}_4\text{Cl}$ . (Ethane, 1-(2-chloroethoxy)-2-(2,3,4,6-tetrachlorophenoxy)-;  $\beta$ -(2-chloroethoxy)-2-(2,3,4,6-tetrachlorophenylene).

T many species of insects. 13, 112, 214P.

592-855-951-1012-1022.

Ether, 2-chloroethoxyethyl 2,3,4,6-tetrachloro-2-tolyl-;  $\text{CH}_3(\text{Cl})_4\text{C}_6\text{H}_2\text{OC}_2\text{H}_4\text{OC}_2\text{H}_4\text{Cl}$ . (Ethane, 1-(2-chloroethoxy)-2-(2-tetrachloro-m-tolyl)-;  $\beta$ -(2,3,4,6-tetrachloro-3-methyl-phenoxy)- $\beta'$ -chloro-diethyl ether).

Fly spray. 112, 215P.

592-855-953-1002-1021.

Methane, bis(2-n-butoxy-3,5-dichlorophenyl)-4'-chlorophenyl-;  $\text{CH}(\text{Cl})_2\text{C}_6\text{H}_3\text{OC}_2\text{H}_4\text{OC}_2\text{H}_4\text{Cl}$ . (2,2'-Di-n-butoxy-3,5,3',5',4'-pentachlorotriphenyl methane).

T as mothproofing agent. 447P, 457P, 1179.

592-856-951-1012.

Ether, 2-chloroethoxyethyl pentachlorophenyl-;  $\text{Cl}_5\text{C}_6\text{H}_2\text{OC}_2\text{H}_4\text{OC}_2\text{H}_4\text{Cl}$ . (Ethane, 1-(2-chloroethoxy)-2-(pentachlorophenoxy)-;  $\beta$ -(pentachlorophenoxy)- $\beta'$ -chloro-diethyl ether).

Fly spray. 112, 214P, 215P.

592-857-953-1002-1021.

Methane, bis(2-n-butoxy-3,5-dichlorophenyl)-2',4',5'-trichlorophenyl-;  $\text{CH}(\text{Cl})_3\text{C}_6\text{H}_3\text{OC}_2\text{H}_4\text{OC}_2\text{H}_4\text{Cl}$ . (2,2'-Di-n-butoxy-3,5,3',5',2',4',5'-heptachlorotriphenylmethane).

T as mothproofing agent. 447P, 457P, 1179.

592-871-951-961-1012.

Ether, 2-( $\alpha$ -cyclohexylphenoxy)-2'-iododiethyl-;  $\text{C}_6\text{H}_{11}\text{C}_6\text{H}_4\text{OC}_2\text{H}_4\text{OC}_2\text{H}_4\text{I}$ . ( $\beta$ -(2-Cyclohexyl-phenoxy)- $\beta'$ -iodo-diethyl ether).

T houseflies. 110, 112, 122P, 123P.

592-871-951-1012.

Ether, 2-iodo-2'-phenoxydiethyl-;  $\text{C}_6\text{H}_5\text{OC}_2\text{H}_4\text{OC}_2\text{H}_4\text{OC}_2\text{H}_4\text{I}$ . ( $\beta$ -Phenoxy- $\beta'$ -iodo-diethyl ether).

MT houseflies. 110, 112, 122P, 123P.

592-871-952-1012.

Ether, 4-biphenyl 1-(2-iodoethoxyethyl)-;  $\text{C}_6\text{H}_5\text{C}_6\text{H}_4\text{OC}_2\text{H}_4\text{I}$ . (Ethane, 1-(2-iodoethoxy)-2-xenoxy-;  $\beta$ -(4-xenoxy)- $\beta'$ -iodo-diethyl ether).

110, 123P.

592-881-1021-1045.

Acetals of halogenated ketones;  $\text{RCOR}(\text{X})\text{OR}$ . (Stabilized by addition of an acid-binding substance such as  $\text{MgO}$ , and  $\text{Na}_2\text{HPO}_4$ ). 1159P.

592-887-951-1027.

Ethers, alkylhalophenoxyalkyl haloalkyl-;  $\text{Xn}(\text{Yn}')\text{C}_6\text{H}_4\text{ORORX}$ . (Ethane, haloalkoxy alkylhalophenoxy-).

The above formula wherein each R represents an alkylene radical containing not more than 3 carbon atoms, each X represents halogen, Y represents an alkyl group containing not more than 6 carbon atoms, and n and n' are integers, the sum of which is not greater than 5.

Fly spray. 112, 213P.

592-887-951-1027.

Ethers, haloalkoxyalkyl haloalkyl-;  $\text{XnC}_6\text{H}_4\text{ORORX}$ . (Ethane, haloalkoxy haloalkoxy-).

The above formula wherein each R represents an alkylene radical containing not more than 3 carbon atoms, each X represents halogen, and n represents an integer not greater than 5.

Fly spray. 112, 214P.

592-887-951-1027.

Ethers, aryloxy-halo-dialkyl-;  $\text{Xn}(\text{Ym})\text{C}_6\text{H}_4\text{ORORX}$ . The above formula wherein each R represents an alkyl radical containing not more than 3 carbon atoms, each X a halogen, Y either hydrogen or an alkyl radical containing not more than 6 carbon atoms, n an integer not greater than 5, and m an integer not greater than 2.

Fly spray. 112, 215P.

592-951-961-1004-1030.

Ether, allyl p-cyclohexylphenoxypropyl-;  $\text{C}_6\text{H}_{11}\text{C}_6\text{H}_4\text{OC}_2\text{H}_4\text{OCH}_2\text{CH}_2\text{CH}_3$ . (4-Cyclohexylphenoxy-propyl allyl ether).

Fly spray. 112, 1017P, 1018P.

592-951-961-1012-1030.

Ether, 2-( $\alpha$ -cyclohexylphenoxy)ethyl vinyl-;  $\text{C}_6\text{H}_{11}\text{C}_6\text{H}_4\text{OC}_2\text{H}_4\text{OCH}=\text{CH}_2$ . ( $\beta$ -(2-Cyclohexylphenoxy)-ethyl vinyl ether).

Fly spray. 112, 1017P, 1018P.

592-951-1000.

Benzene, 1,4-diamyloxy-;  $\text{C}_6\text{H}_4(\text{OC}_4\text{H}_9)_2$ . (Diamylhydroquinone).

MT mosquito and codling moth larvae; NT *Bombyx* m.m. larvae. 487, 559, 1291.

592-951-1001-1011-1021-1030.

Ether, 2-methylallyl 2-(2-toloxyl)ethyl-;  $\text{CH}_3\text{C}_6\text{H}_4\text{OC}_2\text{H}_4\text{OCH}_2\text{C}(\text{CH}_3)=\text{CH}_2$ . ( $\beta$ -(2-Toloxyl)-ethyl 2-methylallyl ether).

Fly spray. 112, 1017P, 1018P.

592-951-1001-1012-1030.

Ether, 2-(p-tert-butylphenoxy)ethyl vinyl-;  $(\text{CH}_3)_3\text{CC}_6\text{H}_4\text{OC}_2\text{H}_4\text{OCH}=\text{CH}_2$ . ( $\beta$ -(4-tertiary-Butyl-phenoxy)-ethyl vinyl ether).

Fly spray. 112, 1017P, 1018P.

592-951-1003-1011-1021-1030.

Ether, allyl 2-( $\alpha$ -toloxyl)ethyl-;  $\text{CH}_3\text{C}_6\text{H}_4\text{OC}_2\text{H}_4\text{OCH}_2\text{CH}=\text{CH}_2$ . ( $\beta$ -(2-Toloxyl)-ethyl allyl ether).

Fly spray. 112, 1017P, 1018P.

592-951-1003-1011-1030.

Ether, allyl 2-phenoxyethyl-;  $\text{C}_6\text{H}_5\text{OC}_2\text{H}_4\text{OCH}_2\text{CH}=\text{CH}_2$ . ( $\beta$ -Phenoxy-ethyl allyl ether).

T houseflies. 112, 1017P, 1018P.

592-951-1004-1030.

Ether, allyl phenoxypropyl-;  $\text{C}_6\text{H}_5\text{OC}_3\text{H}_6\text{OCH}_2\text{CH}=\text{CH}_2$ . (Phenoxy-propyl allyl ether).

T houseflies. 112, 1017P, 1018P.

592-951-1012.

Benzene, 1,3-diethoxy-;  $\text{C}_6\text{H}_4(\text{OC}_2\text{H}_5)_2$ . (Resorcinol diethyl ether).

T screwworms at 0.17-0.33%. 156.

592-951-1012.

Benzene, 1,4-diethoxy-;  $\text{C}_6\text{H}_4(\text{OC}_2\text{H}_5)_2$ . (Hydroquinone diethyl ether).

T screwworms at 0.17-0.33%. 156.

592-951-1012-1021-1030.

Ether, 2-toloxyl vinyl, CU;  $\text{CH}_3\text{C}_6\text{H}_4\text{OC}_2\text{H}_4\text{OCH}=\text{CH}_2$ . ( $\beta$ -Toloxyl-ethyl vinyl ether).

Fly spray. 112, 1017P, 1018P.

592-951-1022.

Veratrole;  $\text{C}_6\text{H}_4(\text{OCH}_3)_2$ . (1,2-Dimethoxybenzene).

HT screwworms; MT *Aphis rumicis*. 156, 1377.

592-951-1022.

Benzene, 1,3-dimethoxy-;  $\text{C}_6\text{H}_4(\text{OCH}_3)_2$ . (Resorcinol dimethyl ether).

T screwworms at 0.33-0.87%. 156.

592-951-1022.

Benzene, 1,4-dimethoxy-;  $\text{C}_6\text{H}_4(\text{OCH}_3)_2$ . (Hydroquinone dimethyl ether).

T screwworms at 0.10-0.17%; NT *Bombyx mori*. 156, 561.

592-952-1003.

Propane, 1,3-diphenoxy-;  $\text{C}_6\text{H}_5\text{OCH}_2\text{CH}_2\text{CH}_2\text{OC}_6\text{H}_5$ . ( $\alpha,\gamma$ -Diphenoxypropane; trimethylene glycol diphenyl ether).

NT screwworms. 156.

592-952-1011.

Ethane, 1,2-diphenoxy-;  $(-\text{CH}_2\text{OC}_6\text{H}_5)_2$ . ( $\alpha,\beta$ -Diphenoxyethane; glycol diphenyl ether; ethylene diphenyl ether).

NT screwworm. 156.

592-952-1012.

Biphenyl, 4,4'-diethoxy-;  $\text{C}_2\text{H}_5\text{OC}_6\text{H}_4\text{C}_6\text{H}_4\text{OC}_2\text{H}_5$ . (p-Ethoxy diphenyl).

NT silkworm. 559.

- 592-952-1012-1030.  
Ether, 2-(2-biphenyloxyethyl) vinyl;  
 $\text{C}_{12}\text{H}_9\text{C}_6\text{H}_4\text{OC}_2\text{H}_4\text{OCH}:\text{CH}_3$ . (Ether, 2-(*o*-phenyl-  
phenoxy)ethyl vinyl;  $\beta$ -(2-xenoxy)-ethyl vinyl  
ether).  
ST houseflies at 2.5%. 112, 1017P, 1018P.
- 592-952-1012-1030.  
Ether, 2-(4-biphenyloxyethyl) vinyl;  
 $\text{C}_{12}\text{H}_9\text{C}_6\text{H}_4\text{OC}_2\text{H}_4\text{OCH}:\text{CH}_3$ . (Ether, vinyl 2-xenoxy-  
ethyl;  $\beta$ -(4-xenoxy)-ethyl vinyl ether).  
MT houseflies at 2.5%. 112, 1017P, 1018P.
- 592-952-1021.  
Ether, *o*-methoxyphenyl phenyl;  $\text{C}_6\text{H}_5\text{OC}_6\text{H}_4\text{OCH}_3$ .  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P,  
696P.
- 592-952-1022.  
Ether, benzyl *o*-methoxyphenyl;  $\text{C}_6\text{H}_5\text{CH}_2\text{OC}_6\text{H}_4\text{OCH}_3$ .  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P,  
696P.
- 592-953-1021.  
Methane, diphenoxymethyl-;  $\text{C}_6\text{H}_5\text{CH}(\text{OC}_6\text{H}_5)_2$ .  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P,  
696P.
- 592-953-1022.  
Benzene, 1,3-bis(benzyloxy)-;  $\text{C}_6\text{H}_5(\text{OCH}_2\text{C}_6\text{H}_5)_2$ .  
(Benzene, 1,3-bis(phenylmethoxy)-; dibenzyl ether  
of resorcinol).  
Fly spray. 112, 688P, 690P, 691P, 692P, 693P,  
694P, 695P, 696P.
- 592-954-1003-1022.  
Propane, 2,2-bis(*p*-benzyloxyphenyl)-;  
 $(\text{CH}_3)_2\text{C}(\text{C}_6\text{H}_4\text{OCH}_2\text{C}_6\text{H}_5)_2$ . (Methane, bis-[4-(phe-  
nyl-methoxy)-phenyl]-dimethyl-).  
Fly spray. 112, 695P.
- 592-954-1003-1022.  
Propane, 2,2-bis(benzyloxyphenyl)-; CU;  
 $(\text{CH}_3)_2\text{C}(\text{C}_6\text{H}_4\text{OCH}_2\text{C}_6\text{H}_5)_2$ . (Methane, bis-(phenyl-  
methoxyphenyl)-dimethyl-).  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P,  
696P.
- 592-954-1011-1193-1325.  
Phosphonium hydride, (*o*-ethoxyphenoxy) triphen-  
yl-;  $(\text{C}_6\text{H}_5\text{OC}_6\text{H}_4\text{O})_3\text{P}^+\text{H}^-$ .  
T as mothproofing agent. 441P, 1178.
- 592-954-1021.  
Methane, diphenoxydiphenyl-;  $(\text{C}_6\text{H}_5\text{O})_2\text{C}(\text{C}_6\text{H}_5)_2$ .  
Fly spray. 112, 688P, 690P, 693P, 694P, 695P,  
696P.
- 592-955-1193.  
Phosphoric acid, *m*-diphenoxymethyl diphenyl ester?  
 $(\text{C}_6\text{H}_5\text{O})_2\text{C}_6\text{H}_4\text{OP}(\text{OC}_6\text{H}_5)_2\text{O}?$  (Tetraphenyl resorcylic  
ester of phosphoric acid).  
T clothes moth. 877P.
- 592-1011-1022.  
Acetaldehyde dimethyl acetal;  $\text{CH}_3\text{CH}(\text{OCH}_3)_2$ .  
(Dimethylacetal; ethylidene dimethyl ether).  
HT rice weevil; ST red scale. 268, 1180.
- 592-1012-1021.  
Methane, diethoxy-;  $\text{CH}_3(\text{OC}_2\text{H}_5)_2$ . (Ethylal).  
HT rice weevil; ST red scale. 268, 1180.
- 592-1013.  
Acetal;  $\text{CH}_3\text{CH}(\text{OC}_2\text{H}_5)_2$ . (Acetaldehyde diethyl ace-  
tal; ethylidene diethyl ether; 1,1-diethoxyethane).  
HT rice weevil; ST red scale. 268, 1180.
- 592-1023.  
Methylal;  $\text{CH}_2(\text{OCH}_3)_2$ . (Formal, methylene di-  
methyl ether; dimethoxy methane).  
T as mothproofing agent; MT rice weevil; NT  
red scale. 268, 417P, 1175, 1180.
- 593-851-871-951-1013.  
Ether, 2-(*p*-chlorophenoxy)-2'-(2-iodoethoxy)-di-  
ethyl;  $\text{ClC}_6\text{H}_4\text{OC}_2\text{H}_4\text{OC}_2\text{H}_4\text{OCH}_2\text{CH}_3$ . ( $\beta$ -(4-Chloro-  
phenoxy)- $\beta'$ -(2-iodo-ethoxy)-diethyl ether).  
HT houseflies. 110, 112, 122P, 123P.
- 593-851-951-1001-1003-1013-1030.  
Ether, 2-(2-chloroallyloxy)-2'-(*p*-*tert*-butylphenoxy)-  
diethyl-;  $(\text{CH}_3)_3\text{CC}_6\text{H}_4\text{OC}_2\text{H}_4\text{OC}_2\text{H}_4\text{OCH}_2\text{CH}(\text{Cl})_2$ .  
 $\text{CH}_3$ . ( $\beta$ -(4-Tertiary-butyl-phenoxy)- $\beta'$ -(2-chloro-  
allyloxy) diethyl ether).  
Fly spray. 112, 1019P.
- 593-851-951-1001-1013.  
Ether, 2-(2-chloroethoxy) 2'-(*p*-*tert*-butylphenoxy)  
diethyl-;  $(\text{CH}_3)_3\text{CC}_6\text{H}_4\text{OC}_2\text{H}_4\text{OC}_2\text{H}_4\text{OCH}_2\text{CH}_2\text{Cl}$ . (Ethane, 1-(2-chloro-  
ethoxy)-2-(2-phenoxyethoxy)-;  $\beta$ -(2-chloro-ethoxy)-  
diethyl ether).  
MT houseflies at 3%. 112, 207P.
- 593-851-951-1013-1021.  
Ether, 2-(2-chloroethoxy) 2'-(*p*-tolylloxy) diethyl;  
 $\text{CH}_3\text{C}_6\text{H}_4\text{OC}_2\text{H}_4\text{OC}_2\text{H}_4\text{OCH}_2\text{CH}_2\text{Cl}$ . (Ethane, 1-(2-chloro-  
ethoxy)-2-(2-*p*-tolylloxyethoxy)-;  $\beta$ -(4-methyl phe-  
noxy)- $\beta'$ -(2-chloro-ethoxy) diethyl ether).  
MT houseflies at 3%. 112, 207P.
- 593-851-975-1013.  
Ether, aryl chloroalkyl, CU;  $\text{ROC}_6\text{H}_4\text{OC}_2\text{H}_4\text{OC}_6\text{H}_4\text{H}-$   
 $\text{Cl}$ .  
The above formula in which R is an aromatic radi-  
cal obtainable from a monohydric phenol. 141P.
- 593-852-951-1013.  
Ether, 2-(2-chloroethoxy) 2'-(*p*-chlorophenoxy) di-  
ethyl;  $\text{ClC}_6\text{H}_4\text{OC}_2\text{H}_4\text{OC}_2\text{H}_4\text{OCH}_2\text{CH}_2\text{Cl}$ . (Ethane, 1-(2-chloro-  
ethoxy)-2-(2-*p*-chlorophenoxy) ethoxy-;  $\beta$ -(4-chlorophenoxy)- $\beta'$ -(2-chloro-ethoxy)-diethyl  
ether).  
MT houseflies at 3%. 112, 207P.
- 593-854-951-1013.  
Ether, 2-(2-chloroethoxy) 2'-(2,4,6-trichlorophenoxy)  
diethyl;  $\text{Cl}_3\text{C}_6\text{H}_2\text{OC}_2\text{H}_4\text{OC}_2\text{H}_4\text{OCH}_2\text{CH}_2\text{Cl}$ . (Ethane, 1-(2-chloro-  
ethoxy)-2-(2-trichlorophenoxy)-;  $\beta$ -(2,4,6-trichlorophenoxy)- $\beta'$ -(2-chloro-ethoxy)-diethyl ether).  
MT houseflies at 3%. 112, 207P.
- 593-871-951-1013-1021.  
Ether, 2-(2-iodoethoxy) 2'-(*p*-tolylloxy) diethyl;  
 $\text{CH}_3\text{C}_6\text{H}_4\text{OC}_2\text{H}_4\text{OC}_2\text{H}_4\text{OCH}_2\text{CH}_2\text{I}$ . (Ethane, 1-[2-(2-  
iodoethoxy) ethoxy]-2-(*p*-toloxy)-;  $\beta$ -(4-toloxyl)-  
 $\beta'$ -(2-iodo-ethoxy)-diethyl ether). 110, 123P.
- 593-951-1001-1003-1012-1030.  
Ether, 2-allyloxyethyl-2'-(*p*-*tert*-butylphenoxy)ethyl;  
 $(\text{CH}_3)_3\text{CC}_6\text{H}_4\text{OC}_2\text{H}_4\text{OC}_2\text{H}_4\text{OCH}_2\text{CH}(\text{CH}_3)_2$ . ( $\beta$ -(4-  
tertiary-Butyl-phenoxy)- $\beta'$ -allyloxy-diethyl ether).  
Fly spray. 112, 1018P.
- 593-951-1023.  
Benzene, 1,2,3-trimethoxy-;  $\text{CaH}_3(\text{OCH}_3)_3$ . (Pyro-  
gallol trimethyl ether).  
T screwworms; MT *Aphis rumicis*. 156, 1377.
- 593-1013-1021.  
Methane, triethoxy-;  $\text{HC}(\text{OC}_2\text{H}_5)_3$ . (Ethyl ortho-  
formate).  
HT rice weevil. 1180.
- 593-1024.  
Methane, trimethoxy-;  $\text{CH}(\text{OCH}_3)_3$ . (Methoxym-  
ethylal).  
NT red scale. 268.
- 594-625-952-1024.  
Pinosresinol, dimethyl-;  $(\text{C}_6\text{H}_5\text{O})_2\text{C}_6\text{H}_3(\text{OCH}_3)_2$ .  
NT when used as synergist with pyrethrum against  
houseflies. 617.
- 594-841-951-1001-1014-1030.  
Ether, 2-(2-bromoallyloxyethoxy)-2'-(2-phenoxyethoxy)  
diethyl;  $\text{C}_6\text{H}_5\text{OC}_2\text{H}_4\text{OC}_2\text{H}_4\text{OC}_2\text{H}_4\text{OCH}_2\text{CH}(\text{Br})_2$ .  
 $\text{CH}_3$ . ( $\beta$ -(2-Phenoxy-ethoxy)- $\beta'$ -(2-bromoallyloxy-  
ethoxy)-diethyl ether).  
Fly spray. 112.
- 594-851-951-1001-1013-1030.  
Ether, 2-(3-chloro-2-methylallyloxy)-2'-(2-phenoxy-  
ethoxy)diethyl;  $\text{C}_6\text{H}_5\text{OC}_2\text{H}_4\text{OC}_2\text{H}_4\text{OC}_2\text{H}_4\text{OCH}_2\text{CH}(\text{CH}_3)-$   
 $\text{CHCl}$ . ( $\beta$ -(2-Phenoxy-ethoxy)- $\beta'$ -(3-chloro-2-me-  
thylallyloxy)-diethyl ether).  
Fly spray. 112, 1019P.
- 594-851-951-1014.  
Ether, 2-(2-chloroethoxy-2-ethoxy) 2'-phenoxy dieth-  
yl;  $\text{C}_6\text{H}_5\text{OC}_2\text{H}_4\text{OC}_2\text{H}_4\text{OC}_2\text{H}_4\text{OCH}_2\text{CH}_2\text{Cl}$ . (Ethane, 1-(2-chloro-  
ethoxy)-2-(2-phenoxyethoxy)-ethoxy-;  $\beta$ -(2-phenoxyethoxy)- $\beta'$ -(2-chloro-ethoxy)-diethyl ether).  
Fly spray. 112, 207P.
- 594-851-975-1015-1027.  
Ether, aryl chloroalkyl, CU;  $\text{RO}(\text{CH}_2\text{CH}_2\text{O})_n\text{CH}_2-$   
 $\text{CH}_2\text{Cl}$ . The above formula wherein R represents an  
aromatic radical, and n is one of the integers 2 and  
3. The principal toxic ingredient in the formula is  
an aryloxyalkylene ether chloride. 207P.



- 594-852-951-1014.  
Ether, 2-(2-chloroethoxy-2-ethoxy) 2'-(p-chlorophenoxy) diethyl;  $\text{ClC}_6\text{H}_4\text{OC}_2\text{H}_4\text{OC}_2\text{H}_4\text{OC}_2\text{H}_4\text{OC}_2\text{H}_4\text{Cl}$ . (Ethane, 1-(2-chloroethoxy)-2-[2-(p-chlorophenoxy)-ethoxy]ethoxy]-;  $\beta$ -(2-para-Chlorophenoxy-ethoxy)- $\beta'$ -(2-chloro-ethoxy)-diethyl ether).  
Fly spray. 112, 207P.
- 594-854-951-1014.  
Ether, 2-(2-chloroethoxy-2-ethoxy) 2'-(2,4,6-trichlorophenoxy) diethyl;  $\text{Cl}_3\text{C}_6\text{H}_2\text{OC}_2\text{H}_4\text{OC}_2\text{H}_4\text{OC}_2\text{H}_4\text{OC}_2\text{H}_4\text{Cl}$ . (Ethane, 1-(2-chloroethoxy)-2-[2-(2,4,6-trichlorophenoxy)-ethoxy]-ethoxy]-;  $\beta$ -(2-sym-trichlorophenoxy-ethoxy)- $\beta'$ -(2-chloro-ethoxy) diethyl ether).  
Fly spray. 112, 207P.
- 594-871-951-1014.  
Ether, 2-(2-iodoethoxy-2-ethoxy) 2'-phenoxy diethyl;  $\text{C}_6\text{H}_5\text{OC}_2\text{H}_4\text{OC}_2\text{H}_4\text{OC}_2\text{H}_4\text{OC}_2\text{H}_4\text{I}$ . (Ethane, 1-[2-(2-iodoethoxy)ethoxy]-2-(2-phenoxyethoxy)-;  $\beta$ -(2-phenoxy-ethoxy) -  $\beta'$ -(2-iodoethoxy) - diethyl ether. 110, 123P.
- 594-871-975-1027.  
Ether, aryloxyiododialkyl;  $\text{R}(\text{OC}_n\text{H}_{2n})_2\text{I}$ . (Aryloxy-polyalkylene ether iodide).  
T houseflies. 110, 112, 122P.
- 594-881-975-1027.  
Ether, aryloxyalkyl halo-alkenyl;  $\text{RO}(\text{C}_2\text{H}_4\text{O})_m\text{C}_n\text{H}_{2n-1}\text{X}$ . Compounds having the above formula wherein R represents an aromatic radical, Y is chlorine or bromine, m is an integer not greater than 4, n is an integer from 3 to 6, x is an integer from 2 to 6, and the halogen of the haloalkenyl radical is attached to an unsaturated carbon atom.  
Fly spray. 112, 1019P.
- 594-887-975-1027.  
Ethers,  $\text{RO}(\text{C}_n\text{H}_{2n}\text{O})_m\text{C}_n\text{H}_{2n-1}\text{X}$ . Unsaturated ether compounds having the above formula wherein R represents an aromatic radical, X represents chlorine, bromine or hydrogen, m is an integer not greater than 4, and n is an integer not greater than 6. These compounds are effective insecticides and may also be employed to fortify pyrethrum or rotenone containing sprays to obtain increased kills on flies and related insects. 112, 1017P.
- 594-975-1027.  
Ethers, alkenyl aryloxyalkyl;  $\text{RO}(\text{C}_n\text{H}_{2n}\text{O})_m\text{C}_n\text{H}_{2n-1}\text{X}$ . The above formula wherein R represents an aromatic radical, m is an integer not greater than 4, and n is an integer from 2 to 6.  
Fly spray. 112, 1018P.
- 596-952-1022.  
Benzoyl peroxide;  $(\text{C}_6\text{H}_5\text{CO})_2\text{O}_2$ . (Dibenzoyl peroxide).  
NT corn borer. 1120.
620.  
6-Oxabicyclo[3.1.0] hexane;  $\text{C}_6\text{H}_{10}\text{O}$ . (Cyclopentene oxide). 280P.
- 620-796-950.  
Coumarin, 2-thiono-;  $\text{S}:(\text{C}_9\text{H}_6\text{O})$ . (2-Thiocoumarin). 98% T mosquito larvae but loses toxicity rapidly; T *Cochliomyia americana* larvae. 487, 636, 637, 944, 1178, 1291, 1319, 1327, 1432.
- 620-796-950.  
Xanthone;  $\text{S}:(\text{C}_{12}\text{H}_8\text{O})$ .  
MT greenhouse red spider at 2% and 33% T *Lucilia serricata* larvae; NT southern army worm. 723, 1481.
- 620-950.  
 $\Delta^9,9'$ -Bixanthene;  $\text{C}_{28}\text{H}_{18}\text{O}_2$ .  
MT codling moth larvae; NT mosquito larvae. 487, 1291.
- 620-950.  
Xanthene;  $\text{C}_{13}\text{H}_{10}\text{O}$ . (Dibenzo-1,4-pyran; diphenyl-methane oxide; o,o'-methylenediphenyl ether).  
100% T *Culex quinquefasciatus* and 83% T codling moth larvae. 157, 487, 488, 1291, 1321P.
- 620-961-1003-1021.  
Cineole;  $\text{C}_{10}\text{H}_{18}\text{O}$ . (Eucalyptol; 1,8-epoxy-p-methane).  
80% T wireworms at 450.5 mg./l. and T houseflies; NT as attractant for oriental peach moth. 508, 846, 1276.
621.  
p-Dioxane;  $\text{C}_4\text{H}_8\text{O}_2$ . (1,4-Dioxane; diethylene dioxide; glycol ethylene ether).  
T codling moth; NT red scale. 268, 557.
- 621-852.  
p-Dioxane, 2,3-dichloro-;  $(\text{C}_4\text{H}_6\text{O}_2)\text{Cl}_2$ . 1299P.
- 621-1003-1021.  
Ascaridole;  $\text{CH}_2(\text{C}_6\text{H}_4\text{O}_2)\text{CH}(\text{CH}_3)_2$ .  
T screwworms at 0.10-0.17%. 156.
622.  
s-Trioxane;  $(\text{CH}_2\text{O})_3$ . (Trioxymethylene; polyoxymethylene; paraformaldehyde; metaformaldehyde).  
T *Aphis rumicis*, parasites harmful to vines, and as mothproofing agent. 182P, 184P, 1153, 1176.
- 622-851-1023.  
Paraldehyde, chloro-,  $\text{CU}$ ;  $(\text{CH}_3)_2(\text{C}_2\text{H}_5\text{O})_3\text{CH}_2\text{Cl}$  1337P.
- 622-1023.  
Paraldehyde;  $(\text{CH}_3)_2(\text{C}_2\text{H}_5\text{O})_3$ . (Elaldehyde).  
ST *Aphis rumicis*; NT *Timola bisulcicola* and *Attagenus piceus*. 739, 1152, 1176.
625.  
Furan;  $\text{C}_4\text{H}_4\text{O}$ .  
NT *Chrysomphalus aurantii*. 268.
- 625-626-950.  
Asarinin;  $(\text{C}_9\text{H}_8\text{O}_2)(\text{C}_7\text{H}_6\text{O}_2)_2$ .  
HT when used as a synergist with pyrethrum against houseflies. 617.
- 625-626-950.  
Sesamin;  $(\text{C}_9\text{H}_8\text{O}_2)(\text{C}_7\text{H}_6\text{O}_2)_2$ .  
HT when used as synergist with pyrethrum against houseflies. 617.
- 625-626-950.  
Isosamin;  $(\text{C}_9\text{H}_8\text{O}_2)(\text{C}_7\text{H}_6\text{O}_2)_2$ . (Epimer of sesamin).  
HT when used as synergist with pyrethrum against houseflies. 617.
- 625-671-950.  
Dibenzofuran, 2-amino-;  $(\text{C}_{12}\text{H}_7\text{O})\text{NH}_2$ . (2-Aminodiphenyleneoxide).  
48% T mosquito larvae. 487, 488.
- 625-671-950.  
Dibenzofuran, 3-amino-;  $(\text{C}_{12}\text{H}_7\text{O})\text{NH}_2$ .  
MT as mothproofing agent. 239.
- 625-671-950-961.  
Dibenzofuran, 7-amino-1,2,3,4-tetrahydro-;  $(\text{C}_{12}\text{H}_{11}\text{O})\text{NH}_2$ .  
60% T mosquito larvae. 487.
- 625-681-961-1021.  
Cyclohexylamine, N-tetrahydrofurfuryl-;  $(\text{C}_6\text{H}_{11}\text{O})\text{CH}_2\text{NHC}_4\text{H}_7$ .  
NT *Myzus persicae* and *Tetranychus telarius*. 772.
- 625-682-730-1021.  
Furan, 3-methyl-2,5-bis-(2-pyridylamino)-;  $(\text{C}_6\text{H}_4\text{N})\text{NH}(\text{C}_4\text{H}_9\text{O})(\text{CH}_3)\text{NHC}_4\text{H}_7\text{N}$ . (N,N'-Di-2-pyridyl- $\alpha,\alpha'$ -diamino-2-methylfuran).  
NT mosquito larvae. 487.
- 625-691-1023.  
Furamide;  $(\text{C}_4\text{H}_5\text{O})\text{CH}(\text{N}:\text{CHC}_2\text{H}_5\text{O})_2$ . (Furfuramide; hydramide furfural; trifuralamine; hydrofuramine).  
NT *Bombyx mori* larvae. 559.
- 625-701-1011.  
Fuconitrile;  $(\text{C}_6\text{H}_5\text{O})\text{CH}_2\text{CN}$ .  
NT red scale. 248.
- 625-796-950.  
Phthalide, thio-;  $\text{S}:(\text{C}_8\text{H}_6\text{O})$ . (Thiophthalide). 38P, 1432.
- 625-842-912-1021.  
Fluorene, 2,7-dibromo-9-furfurylidene-;  $\text{Br}_2(\text{C}_{12}\text{H}_8):\text{CH}(\text{C}_4\text{H}_5\text{O})$ . (2,7-Dibromo-9-furalfluorene).  
NT as mothproofing agent. 239.
- 625-851-950.  
Dibenzofuran, 2-chloro-;  $(\text{C}_{12}\text{H}_7\text{O})\text{Cl}$ . (2-Chlorodiphenyleneoxide).  
60% T mosquito larvae. 487, 488.
- 625-912-1021.  
Fluorene, 9-furfurylidene-;  $(\text{C}_{12}\text{H}_8):\text{CH}(\text{C}_4\text{H}_5\text{O})$ . (9-Furalfluorene).  
T *Cochliomyia americana* C. and P. at 0.10 m.l.c. 844.
- 625-924.  
 $\beta,\alpha$ -Dinaphthofuran;  $\text{C}_{20}\text{H}_{12}\text{O}$ .  
90% T codling moth larvae; NT mosquito larvae. 487, 1291.
- 625-950.  
Dibenzofuran;  $\text{C}_{12}\text{H}_8\text{O}$ . (Diphenylene oxide).

- T roaches, screwworms, and 80% T mosquito larvae. 487, 488, 586, 1080.
- 626-551-1003.  
1,3-Dioxolane, 2-chloromethyl-2-methyl-;  $\text{CH}_3(\text{C}_4\text{H}_4\text{O})\text{CH}_2\text{Cl}$ . (Monochloroacetone-glycolketal).  
T wheat weevil. 1160P.
- 626-950-1003-1030.  
Safrole;  $(\text{C}_7\text{H}_6\text{O}_2)\text{CH}_2\text{CH}:\text{CH}_2$ . (3,4-Methylenedioxyallylbenzene).  
T *Aphis rumicis*, houseflies, and as attractant for oriental peach moth; NT as synergist with pyrethrum against houseflies. 508, 617, 1152, 1276, 1423A.
- 626-950-1003-1030.  
Isosafrole;  $(\text{C}_7\text{H}_6\text{O}_2)\text{CH}:\text{CHCH}_3$ . (3,4-Methylenedioxy-1-propenylbenzene).  
T houseflies and 25% T wireworms at 558.5 mg./l. 846, 1276.
632.  
Ethylene oxide;  $\text{C}_2\text{H}_4\text{O}$ .  
T confused flour beetle red scale, rice weevil, and several other insects. 13, 155, 268, 1180, 1183P.
- 632-851-1021.  
Epichlorohydrin;  $\text{C}_3\text{H}_5\text{OCl}$ . ( $\alpha$ -Epichlorohydrin; 1-chloro-2,3-epoxypropane;  $\gamma$ -chloropropylene oxide; (chloromethyl) oxirane).  
100% T rice weevil; T wireworms and codling moth larvae; NT *Chrysomphalus aurantii*. 289, 846, 1180, 1291.
- 632-961.  
Cyclohexane, 1,2-epoxy;  $\text{C}_6\text{H}_{10}\text{O}$ . (Cyclohexene oxide).  
T common clothes moth larvae, granary weevil, confused flour beetle, aphid or plant lice, cockroaches, and bedbugs. 280P, 853P.
- 632-961-1001.  
Cyclohexane, 1-butyl-1,2-epoxy-;  $(\text{C}_6\text{H}_9\text{O})\text{C}_4\text{H}_9$ . (1-Butyl-1-cyclohexene oxide). 280P.
- 632-961-1003.  
Cyclohexane, 1,2-epoxy-1-propyl-;  $(\text{C}_6\text{H}_9\text{O})\text{C}_3\text{H}_7$ . (1-Propyl-1-cyclohexene oxide). 280P.
- 632-961-1021.  
Cyclohexane, 1,2-epoxy-1-methyl-;  $(\text{C}_6\text{H}_9\text{O})\text{CH}_3$ . (1-methyl-1-cyclohexene oxide). 280P.
- 632-961-1021.  
Cyclohexane, 1,2-epoxy-4-methyl-;  $(\text{C}_6\text{H}_9\text{O})\text{CH}_3$ . (4-Methyl-1-cyclohexene oxide). 280P.
- 632-961-1022.  
Cyclohexane, 1,4-dimethyl-1,2-epoxy-;  $(\text{C}_6\text{H}_9\text{O})(\text{C}_2\text{H}_5)_2$ . (1,4-Dimethyl-1-cyclohexene oxide). 280P.
- 632-1021.  
Propylene oxide;  $(\text{C}_3\text{H}_5\text{O})\text{CH}_3$ . (1,2-Epoxypropane; methyloxirane).  
100% T rice weevil and *Pseudococcus adonum*; NT red scale. 268, 850, 1180.
- 650-672-953-1291.  
Bismark brown;  $\text{C}_6\text{H}_4(\text{N}:\text{NNHC}_6\text{H}_4\text{NH}_2)_2\text{HCl}$ . (Mainly hydrochloride of benzene-*m*-diazobis-*m*-phenylene diamine).  
NT codling moth. 915.
- 650-851-952-1021.  
Triazene, 3-benzyl-1-*p*-chlorophenyl-;  $\text{C}_6\text{H}_5\text{CH}_2\text{N}:\text{NC}_6\text{H}_4\text{Cl}$ . (*p*-Chlorophenyldiazobenzylamine). 341P.
- 650-854-952.  
Triazene, 1,3-bis(2,5-dichlorophenyl)-;  $\text{Cl}_2\text{C}_6\text{H}_3\text{N}:\text{NHC}_6\text{H}_3\text{Cl}_2$ .  
NT mosquito larvae. 487.
- 650-952.  
Triazene, 1,3-diphenyl-;  $\text{C}_6\text{H}_5\text{N}:\text{NNHC}_6\text{H}_5$ . (Diazaminobenzene; diazoaminobenzol; diazoamidobenzene; diazobenzeneanilide; benzeneazoanilide; diazoamidobenzol).  
HT screwworms, codling moth, and HT greenhouse red spider at 1%; T silkworm, 70% T mosquito larvae, and T as mothproofing agent. 156, 328P, 330P, 340P, 341P, 361P, 487, 569, 874P, 915, 1176, 1481.
- 657-730-950.  
Quinoline, 1-hydrazino-;  $\text{C}_8\text{H}_7\text{NNH}_2$ . (Quinolyldiazine).  
NT *Bombyx mori* larvae. 559.
- 657-781-952-1022.  
Hydrazobenzene, 2,2'-bis(methylthio)-;  $\text{CH}_3\text{SC}_6\text{H}_4\text{N}:\text{NNHC}_6\text{H}_4\text{SCH}_3$ . (2,2'-Hydrazobis(thioanisole)).  
NT mosquito larvae. 487.
- 657-841-952.  
Hydrazobenzene, *p*-bromo-;  $\text{BrC}_6\text{H}_4\text{N}:\text{NNHC}_6\text{H}_5$ .  
96.1% T corn borer larvae; T *Culex quinquefasciatus* and young screwworm larvae. 137, 944, 1120.
- 657-852-952.  
Hydrazobenzene, 2,2'-dichloro-;  $(-\text{HNC}_6\text{H}_4\text{Cl})_2$ .  
HT greenhouse red spider at 4%. 1481.
- 657-871-952.  
Hydrazobenzene, *p*-iodo-;  $\text{C}_6\text{H}_5\text{N}:\text{NNHC}_6\text{H}_4\text{I}$ .  
T *Cochliomyia americana*. 110, 944, 1431P.
- 657-924-1312.  
Hydrazine, naphthyl-, hydrofluoride;  $\text{C}_{10}\text{H}_7\text{NNH}_2$ . HF.  
NT *Tineola biselliella* and *Attageus piceus*. 739, 1176.
- 657-951.  
Hydrazine, phenyl-;  $\text{C}_6\text{H}_5\text{N}:\text{NNH}_2$ .  
T houseflies. 156, 1276.
- 657-951-1021.  
Hydrazine, 1-methyl-1-phenyl-;  $\text{C}_6\text{H}_5\text{N}(\text{CH}_3)\text{NH}_2$ . ( $\alpha$ -Methyl  $\alpha$ -Phenyl hydrazine).  
NT *Bombyx mori* larvae. 559.
- 657-951-1021.  
Hydrazine, *m*-tolyl-;  $\text{CH}_3\text{C}_6\text{H}_4\text{N}:\text{NNH}_2$ .  
HT screwworms at 0.10-0.17%. 156, 559.
- 657-951-1021.  
Hydrazine, *o*-tolyl-;  $\text{CH}_3\text{C}_6\text{H}_4\text{N}:\text{NNH}_2$ .  
T screwworms at m.l.c. of 0.33-0.67%. 156.
- 657-951-1021.  
Hydrazine, *p*-tolyl-;  $\text{CH}_3\text{C}_6\text{H}_4\text{N}:\text{NNH}_2$ .  
ST screwworms at m.l.c. of 0.67%. 156.
- 657-951-1291.  
Hydrazine, phenyl-, hydrochloride;  $\text{C}_6\text{H}_5\text{N}:\text{NNH}_2\text{HCl}$ .  
T screwworms at m.l.c. of 0.10-0.17%. 156.
- 657-952.  
Hydrazine, 1,1-diphenyl-;  $\text{H}_2\text{N}(\text{C}_6\text{H}_5)_2$ .  
NT southern army worm at 4%. 1481.
- 657-952.  
Hydrazobenzene;  $\text{C}_6\text{H}_5\text{N}:\text{NNHC}_6\text{H}_5$ . (1,2-Diphenylhydrazine; sym-di-phenylhydrazine).  
HT greenhouse red spider at 2%; T southern army worm, cross-striped cabbage worm, melon worm, roaches, codling moth larvae, and T screwworms at 0.05%. 156, 586, 1312, 1481.
- 657-952-1021.  
Hydrazobenzene, *p*-methyl-;  $\text{C}_6\text{H}_5\text{N}:\text{NNHC}_6\text{H}_4\text{CH}_3$ .  
T *Cochliomyia americana* C. and P. at m.l.c. of 10%. 944.
- 657-954.  
Hydrazobenzene, *p,p'*-diphenyl-;  $\text{C}_6\text{H}_5\text{C}_6\text{H}_4\text{N}:\text{NNHC}_6\text{H}_5$ .  
16.4% T corn borer. 1120.
- 657-1312.  
Hydrazine hydrofluoride;  $\text{N}_2\text{H}_4\text{HF}$ .  
NT *Tineola biselliella* and *Attageus piceus*. 739, 1176.
- 657-1389.  
Hydrazine sulfate;  $\text{N}_2\text{H}_4\text{H}_2\text{SO}_4$ .  
NT codling moth and clothes moth. 739, 915, 1176.
- 659-912-951.  
9-Fluorenone phenylhydrazine;  $(\text{C}_{13}\text{H}_9\text{O})\text{N}:\text{NNHC}_6\text{H}_5$ .  
NT *Cochliomyia americana* C. and P. 944.
- 659-951-1003.  
Acetone phenylhydrazine;  $(\text{CH}_3)_2\text{C}:\text{NNHC}_6\text{H}_5$ . (2-Propanone phenylhydrazine).  
T screwworms at m.l.c. of 0.10-0.17%. 156.
- 659-952-1021.  
Benzaldehyde phenylhydrazine;  $\text{C}_6\text{H}_5\text{CH}:\text{NNHC}_6\text{H}_5$ . (Benzylidene phenylhydrazine; benzalphenylhydrazine).  
T as mothproofing agent and T screwworms at m.l.c. of 0.33-0.67%. 156, 328P, 1176.
- 659-952-1022.  
Benzaldehyde, tolylhydrazine, CU;  $\text{C}_6\text{H}_4\text{CH}:\text{NNHC}_6\text{H}_4\text{CH}_3$ . (Benzaldehydophenylhydrazine; benzylidene-phenyl-methylhydrazine).  
T as mothproofing agent. 873P, 1176.
- 665-671-841-924-951.  
2-Naphthylamine, 1-(*p*-bromophenylazo)-;  $\text{BrC}_6\text{H}_4\text{N}:\text{NC}_{10}\text{H}_7\text{NH}_2$ .  
44.3% T mosquito larvae. 487, 488.
- 665-671-924.  
2-Naphthylamine, 1-(1-naphthylazo)-;  $\text{C}_{10}\text{H}_7\text{N}:\text{NC}_{10}\text{H}_7\text{NH}_2$ . 1434P.

- 665-671-924-951.  
2-Naphthylamine, 1-phenylazo-;  $C_6H_5N:NC_{10}H_7NH_2$ .  
46% T mosquito larvae and 9.0% T corn borer.  
487, 488, 1120, 1434P.
- 665-671-924-951.  
Aniline, *p*-(1-naphthylazo)-;  $NH_2C_6H_4N:NC_{10}H_7$ .  
1434P.
- 665-671-924-951.  
Naphthylamines, phenylazo-, CU;  $R^1N:NR^2(NH_2)$ .  
The above formula where  $R^1$  and  $R^2$  denote interchangeable aryl nuclei,  $R^1$  being a single benzene nucleus and  $R^2$  a naphthyl nucleus. 1434P.
- 665-671-924-951-1021.  
1-Naphthylamine, 4-(*m*-tolylazo)-;  $CH_3C_6H_4N:NC_{10}H_7NH_2$ . 1439P.
- 665-671-924-951-1021.  
1-Naphthylamine, 4-(*o*-tolylazo)-;  $CH_3C_6H_4N:NC_{10}H_7NH_2$ . 1439P.
- 665-671-924-951-1021.  
1-Naphthylamine, 4-(*p*-tolylazo)-;  $CH_3C_6H_4N:NC_{10}H_7NH_2$ . 1439P.
- 665-671-924-951-1021.  
2-Naphthylamine, 1-(*m*-tolylazo)-;  $CH_3C_6H_4N:NC_{10}H_7NH_2$ . 1439P.
- 665-671-924-951-1021.  
2-Naphthylamine, 1-(*o*-tolylazo)-;  $CH_3C_6H_4N:NC_{10}H_7NH_2$ .  
T mosquito larvae and 20.6% T corn borer. 488, 1120, 1439P.
- 665-671-924-951-1021.  
2-Naphthylamine, 1-(*p*-tolylazo)-;  $CH_3C_6H_4N:NC_{10}H_7NH_2$ . 1439P.
- 665-671-952.  
Aniline, *p*-phenylazo-;  $C_6H_5N:NC_6H_5$ . (*p*-Aminazobenzene; 4-benzenediazobenzene).  
T mosquito larvae, Colorado potato beetle, cross-striped cabbage worm, Hawaiian beet webworm, and melonworm; NT screwworms and codling moth. 156, 488, 915, 1373.
- 665-671-952-1021.  
Aniline, *p*-(*m*-tolylazo)-;  $NH_2C_6H_4N:NC_6H_4CH_3$ .  
1439P.
- 665-671-952-1021.  
Aniline, *p*-(*o*-tolylazo)-;  $NH_2C_6H_4N:NC_6H_4CH_3$ .  
1439P.
- 665-671-952-1021.  
Aniline, *p*-(*p*-tolylazo)-;  $NH_2C_6H_4N:NC_6H_4CH_3$ .  
1439P.
- 665-671-952-1021.  
*m*-Toluidine, 4-phenylazo-;  $C_6H_4N:NC_6H_5(NH_2)CH_3$ . 1439P.
- 665-671-952-1021.  
*o*-Toluidine, 4-phenylazo-;  $C_6H_4N:NC_6H_5(NH_2)CH_3$ . 1439P.
- 665-671-952-1022.  
*o*-Toluidine, 4-(*o*-tolylazo)-;  $CH_3C_6H_4N:NC_6H_5(NH_2)CH_3$ . (4'-Amino-2,3'-dimethylazobenzene).  
50% T mosquito larvae; ST greenhouse red spider at 2%; NT screwworms and NT southern army worm at 4%. 156, 487, 1439P, 1481.
- 665-671-952-1291.  
Aniline, *p*-phenylazo-, hydrochloride;  $C_6H_5N:NC_6H_5NH_2.HCl$ ? (*p*-Aminazobenzene hydrochloride).  
T melonworm; NT termites, American cockroach, rice weevil, cowpea weevil, and cabbage aphid. 1100.
- 665-672-952-1022.  
*p*-Toluidine, 4,4'-azodi-;  $CH_3C_6H_4(NH_2)N:NC_6H_4(NH_2)CH_3$ . (2-Amino-5-azotoluene).  
64% T mosquito larvae; NT screwworms. 156, 487.
- 665-672-952-1022-1291.  
*o*-Toluidine, 4,4'-azodi-, hydrochloride;  $(CH_3C_6H_4(NH_2)N)_2.HCl$ . (2-Amino-5-azotoluene hydrochloride).  
NT screwworms. 156.
- 665-672-952-1291.  
Chrysoidine;  $C_6H_4N:NC_6H_5(NH_2)HCl$ . (Diamino-azobenzene-hydrochloride).  
NT clothes moth, black carpet beetle, and codling moth. 915, 974, 1176.
- 665-681-953.  
Diphenylamine, *p*-phenylazo-;  $C_6H_5N:NC_6H_4NHC_6H_5$ . (Benzene azo diphenylamine).  
HT screwworms and mosquito larvae; 40% T *Bombyx mori* larvae; ST greenhouse red spider at 2%; NT southern army worm at 4%. 156, 487, 488, 559, 1481.
- 665-691-924-951-1022.  
Aniline, *N,N*-dimethyl-*p*-(1-naphthylazo)-;  $C_{10}H_7N:NC_6H_4N(CH_3)_2$ . (4-Dimethylaminobenzene-1-azo-1-naphthalene; 4-*o*-naphthaleneazo-*N,N*-dimethylaniline; *p*-(1-naphthylazo) dimethylaniline).  
MT greenhouse red spider at 2%; NT silkworm, screwworms, mosquito larvae, and NT southern army worm at 4%. 156, 487, 561, 1481.
- 665-691-924-951-1022.  
Aniline, *N,N*-dimethyl-*p*-(2-naphthylazo)-;  $C_{10}H_7N:NC_6H_4N(CH_3)_2$ . (4-Dimethylaminobenzene-1-azo-2-naphthalene; 4-*β*-naphthaleneazo-*N,N*-dimethylaniline; *p*-(2-naphthylazo) dimethylaniline).  
ST greenhouse red spider at 2%; NT *Bombyx mori*, screwworms, mosquito larvae, and NT southern army worm at 4%. 156, 487, 561, 1481.
- 665-691-952-1022.  
Aniline, *N,N*-dimethyl-*p*-phenylazo-;  $C_6H_5N:NC_6H_4N(CH_3)_2$ . (*p*-Phenylazodimethylaniline; *p*-dimethylaminoazobenzene; *N,N*-dimethyl-*p*-phenylazoaniline).  
T screwworms and 75% T mosquito larvae; ST southern army worm at 4% and ST greenhouse red spider at 2%; NT *Bombyx mori* larvae. 156, 487, 488, 559, 561, 1481.
- 665-691-952-1022-1291.  
Aniline, *N,N*-dimethyl-*p*-phenylazo-, hydrochloride;  $C_6H_5N:NC_6H_4N(CH_3)_2.HCl$ . (*p*-Dimethylaminoazobenzene hydrochloride).  
T screwworms at 0.17-0.33%. 156.
- 665-691-953.  
Triazene, 1,3,3-triphenyl-;  $C_6H_5N:NN(C_6H_5)_2$ . (Benzene azo diphenylamine; *N*-phenyldiazaminobenzene?).  
ST *Bombyx mori*. 559.
- 665-730-951.  
Piperidine, phenylazo-, CU;  $C_6H_5N:N(C_6H_5)_2$ . (Phenyldiazopiperidine). 341P.
- 665-730-951-1021.  
Piperidine, *o*-tolylazo-;  $CH_3C_6H_4N:N(C_6H_5)_2$ . (*o*-Methyl-phenyldiazopiperidine). 341P.
- 665-730-951-1023.  
*s*-Collidine, hexahydro-*N*-phenylazo-;  $C_6H_5N:N(C_6H_7)(CH_3)_3$ . (Phenyldiazohexahydrocollidine).  
341P.
- 665-781-952.  
Anisole, thio-, 2,2'-azodi-;  $(CH_3SC_6H_4N)_2$ . (2,2'-Azobis(thioanisole)).  
NT mosquito larvae. 487.
- 665-841-952.  
Azobenzene, *p*-bromo-;  $BrC_6H_4N:NC_6H_5$ .  
100% T European corn borer and T screwworms at 0.10-0.17%. 156, 1120.
- 665-871-952.  
Azobenzene, *p*-iodo-;  $C_6H_4N:NC_6H_5I$ .  
T European corn borer, culicine mosquito larvae, and screwworms. 110, 156, 488, 1120, 1123, 1440P.
- 665-881-975.  
Arylazo compounds, halogenated. 1440P.
- 665-951-1021.  
Azobenzene, *p*-methyl-;  $C_6H_4N:NC_6H_5CH_3$ .  
T *Cochliomyia americana* C. and P. at m.l.c. of .08%. 944.
- 665-952.  
Azobenzene;  $C_6H_5N:NC_6H_5$ .  
HT screwworms and HT greenhouse red spider at 1%; T codling moth and mosquito larvae; NT southern army worm at 4%. 156, 488, 915, 1481.
- 665-952-1022.  
*o,o'*-Azotoluene;  $CH_3C_6H_4N:NC_6H_4CH_3$ . (2,2'-Dimethyl azobenzene; *o,o'*-azobistoluene).  
MT greenhouse red spider at 2%. 1481.
- 665-952-1022.  
*p,p'*-Azotoluene;  $CH_3C_6H_4N:NC_6H_4CH_3$ . (*p,p'*-Azobistoluene).  
NT screwworms. 156.
- 665-952-1113.  
Azobenzene-4-arsonic acid;  $C_6H_4N:NC_6H_4OAs(OH)_2$ .  
NT codling moth and southern army worm at 4%. 1481.

- 665-954.  
Biphenyl, *p,p'*-azodi-;  $C_6H_5C_6H_4N:NC_6H_5C_6H_5$ .  
NT European corn borer and screwworms. 156, 1120.
- 665-975-1450.  
Diazonium salts;  $ArN_2X$ .  
T as mothproofing agent. 682P, 1175.
- 665-1045-1312.  
Diazonium compounds, fluorometallic-. (Hydrofluoric acids, metallo, diazonium salts of).  
T as mothproofing agent. 682P, 1175.
- 667-671-1022-1286.  
Biguanide, amino-, bicarbonate;  $H_2NNHC(:NH)NHC(:NH)NH_2H_2CO_3$ ? (Aminobiguanidine bicarbonate).  
NT codling moth. 915.
- 667-1022-1045.  
Biguanide, substituted, condensation product. 1013P.
- 668-692-952-1025.  
Guanidine, 1,3-bis[*p*-(*N,N*-dimethylaniline)]-;  $[(C_6H_5)_2NC_6H_4NH]_2C:NH$ . (Di-*p*-dimethyl anilino guanidine).  
T as moth-repellent. 192P.
- 668-701-1022.  
Guanidine, 1-cyano-;  $NH_2C(:NH)NHCN$ . ( $\alpha$ -Cyano-guanidine; dicyan(o)diamide; param).  
70% T mosquito larvae and T *Aphis rumicis*. 487, 1152.
- 668-701-1022-1389.  
Guanidine, 1-cyano-, sulfate;  $H_2NC(:NH)NHCN \cdot H_2SO_4$ . (Guanidine,  $\alpha$ -cyano-, sulfate).  
NT codling moth larvae. 915, 1178.
- 668-730-952-1021.  
Guanidine, 1,3-diphenyl-2-pyridyl-;  $(C_6H_5NH)_2C:NC_5H_4N$ ? ( $\alpha,\gamma$ -Diphenyl- $\beta$ -2-pyridyl-guanidine).  
NT mosquito larvae. 487.
- 668-924-1021.  
Guanidine, 1,3-bis(1-naphthyl)-;  $HN:C(NHC_{10}H_7)_2$ . (Guanidine, di- $\alpha$ -naphthyl-).  
T as mothproofing agent. 192P, 1179.
- 668-952-1021.  
Guanidine, 1,1-diphenyl-;  $(C_6H_5)_2NC(:NH)NH_2$ . ( $\gamma$ -Diphenyl guanidine).  
T as moth-repellent. 192P.
- 668-952-1021.  
Guanidine, 1,2-diphenyl-;  $H_2NC(:NH)N(C_6H_5)_2$ . (Guanidine,  $\alpha\alpha$ -diphenyl-).  
T as mothproofing agent. 192P, 1179.
- 668-952-1021.  
Guanidine, 1,3-diphenyl-;  $HN:C(NHC_6H_5)_2$ . (Diphenyl guanidine; melaniline;  $\alpha,\gamma$ -diphenyl guanidine).  
T screwworms, codling moth larvae, and as moth-repellent; NT *Bombyx mori* larvae and *Melanophus m. mexicanus*. 156, 192P, 487, 559, 561, 606, 915, 1150, 1179, 1222P.
- 668-952-1021.  
Guanidine, diphenyl, CU, used with phenothiazine. (Diphenyl guanidine and thio-diphenylamine). 1222P.
- 668-952-1021-1291.  
Guanidine, diphenyl-, CU, chloride;  $CN:C(NHC_6H_5)_2$ . (Diphenylcarbamine chloride; diphenylguanidine chloride; melaniline chloride?).  
T screwworms at 0.10-0.17%. 156.
- 668-952-1022.  
Guanidine, 1,3-diphenyl-1-methyl-;  $CH_3NHC(:NH)N(C_6H_5)_2$ . (Guanidine,  $\alpha$ -methyl- $\alpha,\gamma$ -diphenyl-).  
T as mothproofing agent. 192P, 1179.
- 668-952-1023.  
Guanidine, di-*p*-toluino-?  $HN:C(NHC_6H_4CH_3)_2$ ? (Guanidine, di-*p*-methylanilino-).  
T as mothproofing agent. 192P, 1179.
- 668-952-1023.  
Guanidine, dibenzyl-, CU;  $HN:C(NHC_6H_5)_2$ .  
T as mothproofing agent. 192P, 1179.
- 668-952-1023.  
Guanidine, 1,3-di-*o*-tolyl-;  $(CH_3C_6H_4NH)_2C:NH$ . ( $\alpha,\gamma$ -Di-*o*-tolyl guanidine).  
62% T codling moth larvae; NT mosquito larvae and as mothproofing agent. 239, 487, 1291.
- 668-952-1023.  
Guanidine, di-*o*-tolyl-, CU;  $HN:C(NHC_6H_4CH_3)_2$ .  
T codling moth and as mothproofing agent. 192P, 915, 1179.
- 668-952-1023.  
Guanidine, di-*p*-tolyl-, CU;  $HN:C(NHC_6H_4CH_3)_2$ .  
T as mothproofing agent. 192P, 1179.
- 668-952-1023.  
Guanidine, xylyl-, CU;  $(CH_3)_2C_6H_4NHC(:NH)NH_2$ ?  
T as moth-repellent. 192P.
- 668-953-1021.  
Guanidine, 1,2,3-triphenyl-;  $(C_6H_5NH)_2C:NC_6H_5$ .  
HT codling moth and *Melanophus m. mexicanus*; 10% T *Bombyx mori* larvae. 559, 915, 1150.
- 668-962-1021.  
Guanidine, 1,3-dicyclohexyl-;  $C_6H_{11}NHC(:NH)NHC_6H_{11}$ .  
T moth larvae. 663P.
- 668-975-1021.  
Guanidine, 1,3-diaryl-;  $RNHC(:NH)NHR$ . 192P.
- 668-989-1021.  
Guanidine, 1-dodecyl-;  $C_{12}H_{25}NHC(:NH)NH_2$ .  
Fly spray. 107P, 112.
- 668-994-1021.  
Guanidine, 1,3-bis(2-octyl)-;  $(C_8H_{17}NH)_2C:NH$ . (*sym*-Di-2-octyl guanidine). 666P.
- 668-1021-1108-1136-1142-1405.  
Reinecke acid, guanidine salt;  $(NH_2)_2C:NH.Cr(NH_2)_2(SCN)_4$ . (Guanidine tetrathiocyanato diamminochromium; reineckate, guanidinium).  
100% T Mexican bean beetles at 1-100, 58% T codling moth larvae at 4 lbs./100 gal.; 70% T Mexican bean beetle and 40% T Colorado potato beetle used as dust. 606, 1432.
- 668-1021-1109-1308.  
Guanidine ammonium ferriocyanide.  
T as moth-repellent. 50P.
- 668-1021-1286.  
Guanidine carbonate;  $HN:C(NH)_2CO_3$ .  
T codling moth larvae. 915.
- 668-1021-1309.  
Guanidine ferrocyanide complex. 845P.
- 668-1022.  
Guanidine, 1-methyl-?  $NH_2C(:NH)NHCH_3$ . ( $\alpha$ -Methyl- $\alpha$ -guanidine).  
T as moth-repellent. 192P.
- 668-1022-1389.  
Guanidine, methyl-, sulfate;  $CH_3NHC(:NH)NH_2 \cdot H_2SO_4$ .  
NT *Bombyx mori*. 559, 1432.
- 670-702-1012-1023.  
Cyanamide, bis(2-cyanoethyl)-;  $(CNCH_2CH_2)_2NCN$ . ( $\beta,\beta'$ -Dicyanodiethyl cyanamide). 670P.
- 670-781-1012-1021-1027.  
Cyanamide, alkyl disubstituted;  $RSCH_2CH_2N(CN) \cdot CH_2CH_2SR$ .  
R is a normal saturated aliphatic hydrocarbon radical. 663P, 667P.
- 670-924-1011.  
Cyanamide, ethyl-1-naphthyl-;  $C_{10}H_7(C_2H_5) \cdot NCN$ . 1190P.
- 670-951-999.  
Cyanamide, isoamyl phenyl-;  $(CH_3)_2(CH_2)_3N(C_6H_5)CN$ . 1190P.
- 670-951-1001-1022.  
Cyanamide, butyl(*o*-tolyl)-;  $CH_3C_6H_4(C_4H_9)NCN$ . 1190P.
- 670-951-1022.  
Cyanamide, dibenzyl-;  $(C_6H_5CH_2)_2NCN$ . 1006P.
- 670-962.  
Cyanamide, dicyclohexyl-;  $(C_6H_{11})_2NCN$ . 1191P.
- 670-962-1012.  
Cyanamide, bis-(2-ethylcyclohexyl)-;  $(C_6H_{10}C_2H_5)_2NCN$ . 1191P.
- 670-962-1022.  
Cyanamide, bis-(4-methylcyclohexyl)-;  $(C_6H_{10}CH_3)_2NCN$ . 1191P.
- 670-994-1021.  
Cyanamide, dioctyl-;  $(C_8H_{17})_2NCN$ . 995P, 1189P.
- 670-999-1011-1021.  
Cyanamide, amyl ethyl-;  $C_5H_{11}(C_2H_5)NCN$ . (Ethyl *n*-amyl cyanamide). 1192P.

- 670-1002-1021.  
Cyanamide, dibutyl-;  $\text{NCN}(\text{C}_4\text{H}_9)_2$ .  
T codling moth. 915.
- 670-1021.  
Cyanamide;  $\text{CNNH}_2$ .  
T codling moth. 915.
- 671-681-851-952.  
Diphenylamine, 2-amino-4-chloro-;  $\text{C}_6\text{H}_5\text{NHC}_6\text{H}_3(\text{NH}_2)\text{Cl}$ .  
88% T mosquito larvae. 487.
- 671-681-951-1011-1313.  
Aniline, N-2-aminoethyl-, fluosilicate;  $[\text{C}_6\text{H}_5\text{NHCH}_2\text{CH}_2\text{NH}_2]_2\text{H}_2\text{SiF}_6$ . ( $\beta$ -Aminoethylaniline fluosilicate).  
T as mothproofing agent. 1179, 1225P, 1238P.
- 671-681-989-1011.  
Ethylene diamine, N-dodecyl-;  $\text{NH}_2\text{CH}_2\text{CH}_2\text{NHC}_{12}\text{H}_{25}$ .  
Repellent for Ambrosia beetles. 816P.
- 671-691-696-952-1025-1030-1291.  
Auramine;  $(\text{CH}_3)_2\text{NC}_6\text{H}_4\text{C}(\text{NH}_2)_2\text{C}_6\text{H}_4\text{N}(\text{Cl})\text{C}(\text{CH}_3)_2$ . (Auramine O; auramine I, II, and concentrated; aureum; pylak tannin; pyoktannin).  
NT clothes moth and black carpet beetle larvae. 974, 1178.
- 671-691-951-1012.  
p-Phenylenediamine, N,N-diethyl-;  $(\text{C}_2\text{H}_5)_2\text{NC}_6\text{H}_4\text{NH}_2$ . (p-Aminodiethylaniline).  
NT *Chrysomphalus aurantii*. 268.
- 671-701-1003.  
Propionitrile,  $\alpha$ -amino-;  $\text{CH}_3\text{CHNH}_2\text{CN}$ . (Amino-propionitrile).  
T green apple aphids. 990P.
- 671-701-1003.  
Propionitrile,  $\beta$ -amino-?  $\text{H}_2\text{NCH}_2\text{CCN}$ ? (Methylene-aminoacetoneitrile). 238P.
- 671-701-1004.  
Isobutyronitrile,  $\alpha$ -amino-?  $(\text{CH}_3)_2\text{C}(\text{NH}_2)\text{CN}$ ? (Amino isobutyro nitrile).  
HT green apple aphids; NT Colorado potato beetle and Mexican bean beetle. 606, 999P.
- 671-730.  
Pyridine, 2-amino-6-piperidyl-;  $\text{NH}_2(\text{C}_5\text{H}_5\text{N})(\text{C}_6\text{H}_8\text{N})$ . 1483P.
- 671-730-950.  
Quinoline, 5-amino-;  $(\text{C}_6\text{H}_5\text{N})\text{NH}_2$ . (Ana amido-quinoline).  
NT *Pieris rapae*. 635.
- 671-732-950.  
Phenzazine, 2-amino-;  $(\text{C}_{12}\text{H}_7\text{N}_3)\text{NH}_2$ .  
T codling moth larvae. 1433P.
- 671-781-924.  
1-Naphthylamine, phenylthio-, CU;  $\text{C}_{10}\text{H}_7(\text{NH}_2)\text{SC}_6\text{H}_5$ . (Thiophenyl  $\alpha$ -naphthylamine).  
20% T adult Mexican bean beetle. 606.
- 671-781-924.  
2-Naphthylamine, phenylthio-, CU;  $\text{C}_{10}\text{H}_7(\text{NH}_2)\text{SC}_6\text{H}_5$ . (Thiophenyl  $\beta$ -naphthylamine).  
20% T adult Mexican bean beetle. 606.
- 671-781-951-1022.  
Aniline, 2-methylthio-;  $\text{CH}_3\text{SC}_6\text{H}_4\text{NH}_2$ . ( $\alpha$ -Amino-phenyl methyl sulphide).  
98% T codling moth larvae. 1291.
- 671-791-851-951-1291.  
Benzenethiol, 2-amino-4-chloro-, hydrochloride;  $\text{ClC}_6\text{H}_4(\text{SH})\text{NH}_2\text{HCl}$ . (2-Amino-4-chlorothiophenol hydrochloride).  
82% T mosquito larvae. 172.
- 671-791-951-1291.  
Benzenethiol, o-amino-, hydrochloride;  $\text{HSC}_6\text{H}_4\text{NH}_2\text{HCl}$ . (Phenyl mercaptan, o-amino-, hydrochloride; o-aminothiophenol hydrochloride).  
82% T culicine mosquito larvae at 1-10,000. 172, 1178.
- 671-791-951-1291.  
Benzenethiol, p-amino-, hydrochloride;  $\text{HSC}_6\text{H}_4\text{NH}_2\text{HCl}$ . (Phenyl mercaptan, p-amino-, hydrochloride; p-aminothiophenol hydrochloride).  
NT culicine mosquito larvae at 1-40,000. 172, 1178.
- 671-841-951.  
Aniline, p-bromo-;  $\text{BrC}_6\text{H}_4\text{NH}_2$ . (1-Amino-4-bromo-benzene).  
T screwworms at 0.17-0.33%. 156.
- 671-841-951-1021.  
o-Toluidine, 4-bromo-;  $\text{BrC}_6\text{H}_3(\text{CH}_3)\text{NH}_2$ .  
NT European corn borer. 1122.
- 671-843-951.  
Aniline, 2,4,6-tribromo-;  $\text{Br}_3\text{C}_6\text{H}_2\text{NH}_2$ .  
T Colorado potato beetle, Mexican bean beetle, codling moth larvae, and 46% T mosquito larvae. 487, 606, 1291.
- 671-851-951.  
Aniline, m-chloro-;  $\text{ClC}_6\text{H}_4\text{NH}_2$ . (3-Chlorophenylamine).  
98% T codling moth larvae and T screwworms at 0.33-0.67%. 156, 1291.
- 671-851-951.  
Aniline, o-chloro-;  $\text{ClC}_6\text{H}_4\text{NH}_2$ . (2-Chlorophenylamine).  
98% T codling moth larvae and T screwworms at 0.17-0.33%; NT *Pieris rapae*. 156, 635, 1291, 1382.
- 671-851-951.  
Aniline, p-chloro-;  $\text{ClC}_6\text{H}_4\text{NH}_2$ . (4-Chlorophenylamine).  
T Colorado potato beetle, screwworms, Agrotis, Mexican bean beetle, and 98% T codling moth larvae. 156, 606, 1291, 1382.
- 671-851-951-1021.  
o-Toluidine, 4-chloro-;  $\text{NH}_2\text{C}_6\text{H}_3(\text{Cl})(\text{CH}_3)$ .  
87% T codling moth larvae. 1291.
- 671-852-951.  
Aniline, 2,4-dichloro-;  $\text{Cl}_2\text{C}_6\text{H}_3\text{NH}_2$ .  
T Japanese beetle and T screwworms at 0.33-0.67%. 156, 494.
- 671-853-951.  
Aniline, 2,5-dichloro-;  $\text{Cl}_2\text{C}_6\text{H}_3\text{NH}_2$ .  
T lice, cockroaches, codling moth larvae, and 54% T mosquito larvae; ST greenhouse red spider and ST screwworms at 0.67%. 156, 487, 492, 915, 930, 1291, 1481.
- 671-853-951.  
Aniline, trichloro-, CU;  $\text{Cl}_3\text{C}_6\text{H}_2\text{NH}_2$ .  
T Japanese beetle. 494.
- 671-861-951.  
Aniline, p-fluoro-;  $\text{FC}_6\text{H}_4\text{NH}_2$ . (1-Amino-4-fluorobenzene).  
90% T codling moth larvae; NT red scale. 268, 1291.
- 671-871-951.  
Aniline, p-iodo-;  $\text{IC}_6\text{H}_4\text{NH}_2$ .  
96% T codling moth larvae; NT as mothproofing agent. 110, 239, 946, 1291.
- 671-912.  
2-Fluorenamine;  $(\text{C}_{13}\text{H}_9)\text{NH}_2$ . (2-Fluorylamine).  
MT as mothproofing agent. 239.
- 671-924.  
1-Naphthylamine;  $\text{C}_{10}\text{H}_7\text{NH}_2$ . ( $\alpha$ -Naphthylamine).  
T houseflies, screwworms, codling moth, and 98% T mosquito larvae; NT *Melanoplus m. mexicanus*. 156, 487, 604P, 915, 1150, 1276, 1407.
- 671-924.  
2-Naphthylamine;  $\text{C}_{10}\text{H}_7\text{NH}_2$ . ( $\beta$ -Naphthylamine).  
T *Aphis rumicis*, houseflies, and mosquito larvae; NT codling moth, clothes moth, and *Melanoplus m. mexicanus*. 487, 604P, 739, 915, 1150, 1176, 1276.
- 671-924-1291.  
1-Naphthylamine hydrochloride;  $\text{C}_{10}\text{H}_7\text{NH}_2\text{HCl}$ . ( $\alpha$ -Naphthylamine hydrochloride).  
T Japanese beetle. 494.
- 671-924-1291.  
2-Naphthylamine hydrochloride;  $\text{C}_{10}\text{H}_7\text{NH}_2\text{HCl}$ . ( $\beta$ -Naphthylamine hydrochloride).  
T as soil insecticide. 494.
- 671-924-1291.  
2-Naphthylamine tetrahydro-, hydrochloride;  $\text{C}_{12}\text{H}_{15}\text{NH}_2\text{HCl}$ . (Tetrahydro- $\beta$ -naphthylamine hydrochloride).  
T *Aphis rumicis*. 1152.
- 671-924-1312.  
1-Naphthylamine hydrofluoride;  $\text{C}_{10}\text{H}_7\text{NH}_2\text{HF}$ . ( $\alpha$ -Naphthylamine hydrofluoride).  
NT *Timola biselliella* and *Attageus piceus*. 739, 1176.
- 671-930-1023.  
Camphylamine?  $\text{C}_{10}\text{H}_{17}\text{NH}_2$ .  
T *Aphis rumicis*. 1152.
- 671-951.  
Aniline;  $\text{C}_6\text{H}_5\text{NH}_2$ . (Phenylamine, aminobenzene).

- T *Lucilia sericata* larvae, screwworms, and *Aphis rumicis*; ST red scale, greenhouse red spider, and psyllae; NT clothes moth. 121P, 156, 268, 723, 985, 1152, 1176.
- 671-951-1021.  
Benzylamine,  $\alpha$ -cyclohexyl-;  $C_6H_5(C_6H_{11})CHNH_2$ . (Phenylcyclohexylmethylamine). 386P.
- 671-951-1003.  
Cumidine;  $(CH_3)_2CHC_6H_4NH_2$ . (p-Isopropyl amino-benzene).  
ST codling moth. 915, 930.
- 671-951-1003-1021.  
Carvacrylamine;  $(CH_3)_2CH(CH_3)C_6H_4NH_2$ . (2-Amino-p-cymene; 2-p-cymylamine; 5-isopropyl-2-methyl aniline; cymidine).  
NT red scale. 268.
- 671-951-1011.  
Aniline, ethyl-, CU;  $C_2H_5C_6H_4NH_2$ . (Ethylaniline).  
ST codling moth. 915.
- 671-951-1013.  
Aniline fluosilicate;  $C_6H_5NH_2H_2SiF_6$ . 1225P.
- 671-951-1021.  
o-Toluidine;  $CH_3C_6H_4NH_2$ . (o-Methylaniline).  
T Japanese beetle and 50% T codling moth larvae; ST Colorado potato beetle and Mexican bean beetle. 495, 555, 606.
- 671-951-1021.  
p-Toluidine;  $CH_3C_6H_4NH_2$ .  
NT codling moth. 915.
- 671-951-1021.  
Benzylamine;  $C_6H_5CH_2NH_2$ . ( $\alpha$ -Aminotoluene).  
T codling moth and *Aphis rumicis*; NT red scale. 268, 915, 1152.
- 671-951-1021-1291.  
o-Toluidine hydrochloride;  $CH_3C_6H_4NH_2.HCl$ .  
T Japanese beetle. 494.
- 671-951-1021-1313.  
Benzylamine fluosilicate;  $C_6H_5CH_2NH_2H_2SiF_6$ .  
T as mothproofing agent. 1179, 1225P, 1228P.
- 671-951-1022.  
2,4-Xylidine;  $(CH_3)_2C_6H_3NH_2$ . (4-Amino 1-3-dimethyl benzene; 2,4-dimethyl aniline; *as-m*-xylidine).  
NT red scale. 268.
- 671-951-1022.  
2,5-Xylidine;  $(CH_3)_2C_6H_3NH_2$ . (2-Amino 1-4-dimethylbenzene; 2,5-dimethylaniline; *p*-xylidine).  
NT red scale, Colorado potato beetle, and Mexican bean beetle. 268, 606.
- 671-951-1022.  
2,6-Xylidine;  $(CH_3)_2C_6H_3NH_2$ . (2-Amino 1-3-dimethylbenzene; *vic-m*-xylidine; 2,6-dimethylaniline).  
T codling moth; NT red scale. 268, 915.
- 671-951-1022.  
3,5-Xylidine;  $(CH_3)_2C_6H_3NH_2$ . (5-Amino 1-3-dimethylbenzene; *sym-m*-xylidine; 3,5-dimethylaniline).  
NT red scale. 268.
- 671-951-1022-1291.  
2,5-Xylidine hydrochloride;  $(CH_3)_2C_6H_3NH_2.HCl$ . (p-Xylidine HCl).  
NT *Pieris rapae*. 635.
- 671-951-1022-1291.  
Xylidine hydrochloride, CU;  $(CH_3)_2C_6H_3NH_2.HCl$ .  
T Japanese beetle. 494.
- 671-951-1109-1182-1303.  
Aniline, ammonium nickel cyanide complex.  
NT *Leptinotarsa decemlineata*. 1008.
- 671-951-1113.  
Arsanilic acid;  $NH_2C_6H_4AsO(OH)_2$ . (p-Amino-benzenearsonic acid; p-aminophenylarsinic acid).  
T clothes moth; MT *Meionopus m. mexicanus*. 639P, 1150, 1175.
- 671-951-1113-1142.  
Arsanilic acid, copper salt;  $NH_2C_6H_4AsO_2Cu$ . (Copper arsanilate).  
ST codling moth at 4%; NT greenhouse red spider at 4%. 1481.
- 671-951-1113-1218.  
Atoxyl;  $NH_2C_6H_4AsO_2HNa$ . (Monosodium arsanilate).  
NT mosquito larvae. 487.
- 671-951-1291.  
Aniline hydrochloride;  $C_6H_5NH_2.HCl$ .  
ST Japanese beetle. 494.
- 671-951-1450.  
Aniline, derivatives, CU.  
T as mothproofing agent. 823P, 1176.
- 671-952.  
2-Biphenylamine;  $C_6H_5C_6H_4NH_2$ . (o-Amino bi phenyl).  
73% T *Culex quinquefasciatus*; NT European corn borer. 156, 157, 1122.
- 671-952.  
Xenylamine;  $C_6H_5C_6H_4NH_2$ . (p-Phenylaniline; p-biphenylamine; 4-aminobiphenyl).  
98% T codling moth larvae and 89% T mosquito larvae. 156, 157, 487, 1291.
- 671-952-1021.  
Aniline, benzyl-, CU;  $NH_2C_6H_4CH_2C_6H_5$ . (Benzylphenylamine; aminodiphenylmethane; benzylaniline).  
T *Lucilia sericata* larvae and 50% T *Aphis rumicis*. 156, 723, 1377.
- 671-954-1023.  
Aniline, tribenzyl-, CU;  $(C_6H_5CH_2)_3C_6H_4NH_2$ . (Tribenzylphenylamine; tribenzylaniline).  
50% T *Aphis rumicis*. 1377.
- 671-961.  
Cyclohexylamine;  $C_6H_{11}NH_2$ .  
T screwworms at 0.10-0.17%. 156.
- 671-961-1313.  
Cyclohexylamine fluosilicate;  $C_6H_{11}NH_2H_2SiF_6$ .  
T as mothproofing agent. 1179, 1228P.
- 671-961-1380.  
Cyclohexylamine, compound with selenious acid;  $C_6H_{11}NH_2H_2SeO_3$ ?  
T as mothproofing agent. 419P, 1175.
- 671-968-1313.  
Cyclopentylamine fluosilicate;  $C_5H_9NH_2H_2SiF_6$ .  
T as mothproofing agent. 1179, 1228P.
- 671-989.  
Dodecylamine;  $CH_3(CH_2)_{11}NH_2$ . (pri-n-Dodecylamine; 1-aminododecane; laurylamine).  
87% T *Lucilia sericata* larvae. 107P, 112, 593, 723.
- 671-989-1045.  
Dodecyl amine salts;  $C_{12}H_{25}NH_2$ . R.  
T lower forms of life. 107P.
- 671-993.  
Heptylamine, 2-methyl-;  $CH_3(CH_2)_5CH(CH_3)NH_2$ . ( $\beta$ -Amino-n-octane;  $\alpha$ -methylheptylamine; 2-amino-octane; *sec-n*-octylamine; *sec-n*-caprylamine).  
NT red scale. 268.
- 671-995.  
n-Heptylamine;  $CH_3(CH_2)_6NH_2$ .  
NT red scale. 268, 723.
- 671-999.  
Amylamine;  $CH_3CH_2CH_2CH_2CH_2NH_2$ . (n-Amylamine; pentylamine; 1-aminopentane).  
T *Lucilia sericata* larvae and codling moth larvae; NT rice weevil and *Chrysomphalus aurantii*. 268, 723, 915, 1180.
- 671-999.  
Isoamylamine;  $CH_3CH(CH_3)CH_2CH_2NH_2$ . (1-Amino-3-methylbutane).  
100% T rice weevil. 268, 1180.
- 671-1001.  
Butylamine;  $CH_3CH_2CH_2CH_2NH_2$ . (1-Aminobutane).  
T *Lucilia sericata* larvae; NT rice weevil and *Chrysomphalus aurantii*. 268, 723, 1180.
- 671-1001.  
Isobutylamine;  $(CH_3)_2CHCH_2NH_2$ .  
100% T rice weevil; NT *Chrysomphalus aurantii*. 268, 1180.
- 671-1001.  
*sec*-Butylamine;  $CH_3CHNH_2CH_2CH_3$ . ( $\alpha$ -Methylpropyl amine; 2-aminobutane).  
100% T rice weevil; NT *Chrysomphalus aurantii*. 268, 1180.
- 671-1001-1313.  
Butylamine fluosilicate;  $C_4H_9NH_2H_2SiF_6$ .  
T as mothproofing agent. 307P, 1179, 1225P, 1228P.
- 671-1001-1313.  
Dibutylamine fluosilicate;  $(C_4H_9NH_2)_2H_2SiF_6$ .  
T as mothproofing agent. 301P, 307P, 1179, 1225P, 1228P.
- 671-1001-1380.  
Butylamine, compound with selenious acid;  $C_4H_9NH_2H_2SeO_3$ .

- T as mothproofing agent. 419P, 680P, 1175, 1179.  
671-1003.  
Propylamine;  $C_3H_7NH_2$   
NT *Chrysomphalus aurantii*. 268.  
671-1003.  
Isopropylamine;  $(CH_3)_2CHNH_2$   
NT *Chrysomphalus aurantii*. 268.  
671-1003-1030.  
Allylamine;  $CH_2=CHCH_2NH_2$ . (2-Propenylamine).  
50% T rice weevil; NT *Chrysomphalus aurantii*.  
268, 1180.  
671-1011.  
Ethylamine;  $C_2H_5NH_2$   
T Agriotes. 915, 1382.  
671-1021.  
Methylamine;  $CH_3NH_2$   
T Agriotes. 268, 1382.  
671-1021-1291.  
Methylamine hydrochloride;  $CH_3NH_2Cl$ .  
T *Aphis rumicis*. 1152.  
671-1027-1313.  
Amines, alkyl-, fluosilicates. (Fluosilicates of aliphatic bases).  
T as mothproofing agent. 1179, 1223P.  
671-1045-1313.  
Amine, fluosilicates, CU.  
T as mothproofing agent. 301P, 307P, 1179.  
672-681-951-963-1021.  
Cyclohexylamine, N-benzyl dicyclohexylamine, CU;  
 $(C_6H_{10}NH_2)_2C_6H_5NHC_6H_5$ ?  
T *Myzus persicae*. 772.  
672-681-952.  
Diphenylamine, 2,4-diamino-;  $C_6H_5NHC_6H_5(NH_2)_2$ .  
NT screwworms. 150.  
672-691-987-1012.  
Tetradecylamine, N,N-bis(2-aminoethyl)-;  $C_{14}H_{29}N(CH_2CH_2NH_2)_2$ . (N-n-Tetradecyl diethylene triamine).  
T Ambrosia beetle. 816P.  
672-691-989-1012.  
Dodecylamine, N,N-bis(2-aminoethyl)-;  $C_{12}H_{25}N(CH_2CH_2NH_2)_2$ . (N-n-Dodecyl diethylene triamine).  
T Ambrosia beetle. 816P.  
672-696-732-950-951-1023-1291.  
Safranine;  $C_{20}H_{19}ClN_4 + C_{21}H_{21}ClN_4$  (mixture).  
T *Lucilia cuprina* larvae. 167, 849.  
Safranine bluish.  
NT *Melanoplus m. mexicanus*. 167, 1150.  
Safranine Y.  
NT clothes moth. 974, 1176.  
672-730-950-951-1341.  
Phosphine RN; Phosphine GN;  $HN(C_6H_5)_2C_6H_4NH_2.HNO_3$ .  
Non-repellent to *Attagenus piceus* and *Tineola biselicta*. 739.  
672-732-950.  
Phenazine, 2,3-diamino-;  $(C_{12}H_8N_2)(NH_2)_2$ .  
T codling moth larvae. 1433P.  
672-781-952.  
o-Anisidine, 4,4'-thiodi-;  $(CH_3SC_6H_4NH_2)_2$ . (4,4'-Bi(o-thioanisidine)).  
83% T codling moth larvae. 487, 1291.  
672-782-952.  
Aniline, o,o'-dithiodi-;  $(NH_2C_6H_4)_2S_2$ . (Bis(1-aminophenyl)disulfide; di-o-aminophenyl disulfide).  
99% T *Culex quinquefasciatus*. 157, 172, 1178.  
672-951.  
m-Phenylenediamine;  $C_6H_4(NH_2)_2$ .  
NT *Pieris rapae*. 635, 1150.  
672-951.  
o-Phenylenediamine;  $C_6H_4(NH_2)_2$ . (1,2-Benzene-diamine; 1,2-diaminobenzene).  
T screwworms, Japanese beetle, and 44-100% T *Lucilia sericata* larvae; ST codling moth at 4%.  
158, 494, 723, 1481.  
672-951.  
p-Phenylenediamine;  $C_6H_4(NH_2)_2$ . (1,4-Benzene-diamine; 1,4-diaminobenzene).  
T codling moth, *Aphis rumicis*, 30% T *Bombyx mori*, and T screwworms at m.l.c. of 0.17-0.33%.  
156, 559, 915, 1152.  
672-951-1021.  
2,4-Toluenediamine;  $CH_3C_6H_3(NH_2)_2$ . (2,4-Diaminotoluene; 4-m-tolylendiamine).  
T screwworms at m.l.c. of 0.17-0.33%; NT *Pieris rapae* and NT corn borer at 4 lbs./100 gal. 158, 635, 1122.  
672-951-1291.  
m-Phenylenediamine hydrochloride;  $C_6H_4(NH_2.HCl)_2$ .  
T *Aphis rumicis*. 1152.  
672-952.  
Benzidine;  $(C_6H_4NH_2)_2$ . (p,p-Bianiline; 4,4'-diaminobiphenyl).  
93% T codling moth larvae. 915, 1291.  
672-952-1021.  
Aniline, p,p'-methylenebis-;  $NH_2C_6H_4CH_2C_6H_4NH_2$ . (p,p'-Diamino diphenyl methane; p,p'-methylenediamine; 4,4'-diaminodiphenylmethane).  
35% T Colorado potato beetle and 10% T Mexican bean beetle; NT *Bombyx mori* larvae. 559, 606.  
672-952-1022.  
p-Tolidine;  $(CH_3C_6H_4NH_2)_2$ .  
ST Japanese beetle. 494.  
672-952-1025.  
Aniline, p,p'-methylenebis(N,N-dimethyl-;  $CH_3[C_6H_4N(CH_3)_2]_2$ . (Tetramethyl diamino diphenyl methane).  
NT *Bombyx mori* larvae. 239, 559, 561.  
672-952-1291.  
Benzidine hydrochloride;  $(C_6H_4NH_2.HCl)_2$ .  
T *Aphis rumicis*. 1152.  
672-952-1312.  
Benzidine hydrofluoride;  $(C_6H_4NH_2.HF)_2$ . (Hydrofluoride of p,p'-bianiline).  
NT *Tineola biselicta* and *Attagenus piceus*. 739, 1176.  
672-1011-1027.  
Diamine, substituted, CU;  $H_2NCH_2RCH_2NH_2$ . 173P.  
672-1011-1291.  
Ethylenediamine hydrobromide;  $(-CH_2NH_2.HCl)_2$ .  
ST codling moth. 915.  
672-1011-1313.  
Ethylenediamine fluosilicate;  $(-CH_2NH_2H_2SiF_6)_2$ .  
T as mothproofing agent. 1179, 1223P, 1228P.  
672-1011-1380.  
Ethylenediamine, compound with selenious acid;  $(-CH_2NH_2H_2SeO_3)_2$ ?  
T as mothproofing agent. 399P, 419P, 429P, 679P, 1175.  
673-953-1025-1113.  
Arsine, tri(dimethylaminophenyl)-;  $[NH_2(C_6H_5)_3]_3As$ .  
T clothes moth. 639P, 1175.  
681-691-696-924-953-1025-1291.  
Victoria blue B;  $C_{20}H_{12}N_4$ . (Hydrochloride of phenyl-tetramethyl-triamino-diphenyl- $\alpha$ -naphtholcarbinol).  
NT clothes moth. 974, 1176.  
681-700-952-1021.  
Formamidine, N,N'-diphenyl-;  $C_6H_5N:CHNHC_6H_5$ . (Diphenylformamidine).  
T screwworms at m.l.c. of 0.33-0.67% and MT codling moth. 156, 915.  
681-701-951-1011.  
Acetonitrile,  $\alpha$ -anilino-;  $C_6H_5NHCH_2CN$ . (Phenyl glycine nitrile).  
T Mexican bean beetle and Colorado potato beetle. 606.  
681-702-1012.  
Acetonitrile, 2,2'-iminodi-;  $HN(CH_2CN)_2$ . (Imino-diacetonitrile). 238P.  
681-730.  
Pyridine, 2,2'-iminodi-;  $(C_5H_4N)_2NH$ . (Di-2-pyridylamine).  
80% T mosquito larvae and 53% T codling moth larvae. 487, 1291.  
681-730-1001.  
Pyridine, 3-butylamino-;  $(C_5H_4N)NHC_4H_9$ . ( $\beta$ -Pyridyl-n-butylamine).  
ST *Aphis rumicis*. 1151.  
681-730-1001-1021.  
Pyridine, 3-(4-methylaminobutyl)-;  $(C_5H_4N)C_4H_8NHCH_3$ . (Dihydro metanicoetine).  
T *Aphis rumicis*. 1151.  
681-730-1001-1021.  
Pyridine, 3-(1-methylaminobutyl)-;  $(C_5H_4N)CH(C_4H_8)NHC_4H_9$ . ( $\beta$ -Pyridyl-n-butyl-N-methylamine).  
MT *Aphis rumicis*. 1151.  
681-730-1001-1021-1030.  
Pyridine, 3-(4-methylamino-1-butenyl)-;  $(C_5H_4N)CH.CHC_2H_4NHCH_3$ . (Metanicoetine).

- T *Aphis rumicis*. 1151.  
 681-730-1011.  
 Pyridine, 3-ethylamino-;  $(C_6H_4N)NHC_2H_5$ . ( $\beta$ -Pyridylethylamine).  
 ST *Aphis rumicis*. 1151.  
 681-730-1012.  
 Pyridine, 3-ethylaminoethyl-? ( $C_6H_4N$ ) $C_2H_5NHC_2H_5$ . ( $\beta$ -Pyridylethyl-*N*-ethylamine).  
 T *Aphis rumicis*. 1151.  
 681-781-952-1012-1276.  
 Diethylamine, 2,2'-phenylthio-, hydrobromide;  $(C_6H_5SCH_2CH_2)_2NHHBr$ . (Diethylamine, 2,2'-phenylmercapto-, hydrobromide).  
 48% T culicine mosquito larvae. 172, 1178.  
 681-844-952.  
 Diphenylamine, 2,4,2',4'-tetrabromo-;  $Br_2C_6H_3Br$ .  
 NT *Culex quinquefasciatus*, corn borer, and as mothproofing agent. 157, 239, 1120.  
 681-851-951-961-1022.  
 Cyclohexylamine, *N*-p-chlorobenzyl-*o*-methyl-;  $ClC_6H_4CH_2NHC_6H_{11}CH_3$ .  
 T *Myzus persicae*. 772.  
 681-854-952.  
 Diphenylamine, 2,4,2',4'-tetrachloro-;  $Cl_2C_6H_3NHC_6H_5$ .  
 NT corn borer and as mothproofing agent. 239, 1120.  
 681-924.  
 Di-2-naphthylamine;  $(C_{10}H_7)_2NH$ . (Di- $\beta$ -naphthylamine).  
 NT codling moth. 915.  
 681-924.  
 Dinaphthylamine, CU;  $(C_{10}H_7)_2NH$ .  
 ST *Pieris rapae*. 635.  
 681-924-951.  
 1-Naphthylamine, *N*-phenyl-;  $C_6H_5NHC_{10}H_7$ . (Phenyl- $\alpha$ -naphthylamine).  
 58% T mosquito larvae and 50% T *Aphis rumicis*; ST screwworms; NT *Epilachna borealis*. 156, 487, 1008, 1377.  
 681-924-951.  
 2-Naphthylamine, *N*-phenyl-;  $C_6H_5NHC_{10}H_7$ . (Phenyl- $\beta$ -naphthylamine).  
 NT *Bombyx mori* and screwworms. 156, 1377.  
 681-924-1011.  
 1-Naphthylamine, *N*-ethyl-;  $C_{10}H_7NHC_2H_5$ . (Ethyl- $\alpha$ -naphthylamine).  
 T codling moth. 915.  
 681-924-1021.  
 1-Naphthylamine, *N*-methyl-;  $C_{10}H_7NHCH_3$ . (Methyl- $\alpha$ -naphthylamine).  
 T codling moth. 915.  
 681-951-961.  
 Cyclohexylamine, *N*-phenyl-;  $C_6H_5NHC_6H_{11}$ .  
 T houseflies, *Myzus persicae*, and *Tetranychus telarius*. 112, 772, 1015P, 1276.  
 681-951-961-1021.  
 Cyclohexylamine, *N*-benzyl-;  $C_6H_5NHC_6H_{11}$ .  
 T houseflies and *Myzus persicae*. 112, 772, 1015P.  
 681-951-961-1022.  
 Cyclohexylamine, *N*-benzyl-*o*-methyl-;  $C_6H_5CH_2NHC_6H_{11}CH_3$ .  
 T *Myzus persicae*. 772.  
 681-951-999.  
 Aniline, *N*-isocamyl-;  $C_6H_{11}NHC_6H_5$ . (*N*-Isocamylphenylamine).  
 T codling moth and T screwworms at m.l.c. of 0.10-0.17%; NT red scale. 156, 268, 915.  
 681-951-1001.  
 Aniline, *N*-butyl-;  $C_6H_5NH(CH_2)_3CH_3$ . (*N*-Butylaniline).  
 T screwworms and 69-100% T *Lucilia sericata* larvae. 156, 723.  
 681-951-1003.  
 Aniline, *N*-propyl-;  $C_6H_5NHC_3H_7$ . (*N*-Propylaniline).  
 T screwworms at m.l.c. of 0.17-0.33%. 156.  
 681-951-1011-1021.  
*p*-Toluidine, *N*-ethyl-;  $CH_3C_6H_4NHC_2H_5$ . (Ethyl *p*-toluidine).  
 Codling moth attractant. 1423A.  
 681-951-1021.  
 Aniline, *N*-methyl-;  $C_6H_5NHC_6H_5$ . (Methylaniline).  
 T *Agriotes*; ST codling moth. 915, 1382.  
 681-951-1022.  
 Benzylamine, *N*-methyl-?  $CH_3NHCH_2C_6H_5$ . (Benzylmethylamine; *N*-benzylmethylamine?).  
 NT codling moth and red scale. 268, 915.  
 681-952.  
 Diphenylamine;  $C_6H_5NHC_6H_5$ . (*N*-Phenylaniline; anilinobenzene).  
 T codling moth, Japanese beetle, and young screw-worm larvae; ST greenhouse red spider; NT southern army worm and silkworm. 26, 494, 561, 915, 1080, 1481.  
 681-952-1021.  
 Benzylamine, *N*-phenyl-;  $C_6H_5NHCH_2C_6H_5$ . (Aniline, *N*-benzyl).  
 T houseflies. 1276.  
 681-952-1022.  
*o*-Toluidine, *N*-benzyl-;  $C_6H_5CH_2NHC_6H_4CH_3$ .  
 NT *Bombyx mori* larvae. 559.  
 681-952-1022.  
 Dibenzylamine;  $(C_6H_5CH_2)_2NH$ .  
 T codling moth and 50% T *Aphis rumicis*. 915, 1377.  
 681-952-1291.  
 Diphenylamine hydrochloride;  $(C_6H_5)_2NH.HCl$ .  
 T screwworms at m.l.c. of 0.10-0.17%. 156.  
 681-952-1389.  
 Diphenylamine sulphate;  $[(C_6H_5)_2NH]_2H_2SO_4$ .  
 NT *Melanoplus m. mexicanus*. 1150.  
 681-952-1405.  
 Diphenylamine, dithiocarbano-;  $[(C_6H_5)_2NH]_2SCN$ .  
 Fly spray. 112, 1032P.  
 681-961-993.  
 Cyclohexylamine, *N*-octyl-;  $C_6H_{11}NHC_8H_{17}$ .  
 T *Myzus persicae*. 772.  
 681-961-999.  
 Cyclohexylamine, *N*-amyl-;  $C_6H_{11}NHC_5H_{11}$ .  
 T houseflies at 5% and T *Myzus persicae*. 112, 772, 1015P, 1276.  
 681-961-1001.  
 Cyclohexylamine, *N*-butyl-;  $C_6H_{11}NHC_4H_9$ .  
 T *Myzus persicae*. 772.  
 681-961-1001.  
 Cyclohexylamine, *N*-isobutyl-;  $C_6H_{11}NHC_4H_9$ .  
 T *Myzus persicae*. 772.  
 681-961-1003.  
 Cyclohexylamine, *N*-propyl-;  $C_6H_{11}NHC_3H_7$ .  
 T *Myzus persicae*. 772.  
 681-961-1003.  
 Cyclohexylamine, *N*-isopropyl-;  $C_6H_{11}NHC_3H_7$ .  
 T *Myzus persicae*. 772.  
 681-961-1003-1030.  
 Cyclohexylamine, *N*-allyl-;  $C_6H_{11}NHCH_2CH=CH_2$ .  
 T *Myzus persicae*. 772.  
 681-961-1011.  
 Cyclohexylamine, *N*-ethyl-;  $C_6H_{11}NHC_2H_5$ .  
 T *Myzus persicae*. 772.  
 681-961-1021.  
 Cyclohexylamine, *N*-methyl-;  $C_6H_{11}NHCH_3$ .  
 T *Myzus persicae*. 772.  
 681-962.  
 Dicyclohexylamine;  $(C_6H_{11})_2NH$ .  
 T houseflies. 1276.  
 681-989.  
 Didodecylamine;  $(C_{12}H_{25})_2NH$ .  
 MT houseflies. 112, 1127P.  
 681-991.  
 Didecylamine;  $(C_{10}H_{21})_2NH$ .  
 12% T houseflies at 5%. 271.  
 681-991-997.  
 Decylamine, *N*-hexyl-;  $C_6H_{13}NHC_{10}H_{21}$ .  
 61% T houseflies at 5%. 271.  
 681-991-1003.  
 Decylamine, *N*-propyl-;  $C_6H_{13}NHC_3H_7$ .  
 13% T houseflies at 5%. 271.  
 681-992-1001.  
 Nonylamine, *N*-butyl-;  $C_9H_{19}NHC_4H_9$ .  
 45% T houseflies at 5%. 271.  
 681-993-995.  
 Octylamine, *N*-heptyl-;  $C_7H_{15}NHC_8H_{17}$ .  
 80% T houseflies at 5%. 271.  
 681-993-995.  
 Diphenylamine, 1-methyl-;  $C_6H_5NHCH(CH_3)C_6H_5$ .  
 (*N*,*n*-heptyl, 2-aminooctane).  
 61% T houseflies at 5%. 271.



- 681-993-997.  
Heptylamine, *N*-hexyl-1-methyl-;  $C_8H_{17}NHCH-(CH_2)_6C_6H_{13}$ . (*N*,*n*-Hexyl, 2-aminooctane).  
48% T houseflies at 5%. 271.
- 681-993-999.  
Octylamine, *N*-amyl-;  $C_9H_{19}NHC_4H_9$ .  
64% T houseflies at 5%. 271.
- 681-994.  
Dioctylamine;  $[CH_2(CH_2)_7CH_3]_2NH$ . (Amine di-*n*-octyl).  
T houseflies. 112, 271, 1127P, 1144, 1276.
- 681-994.  
Dihexylamine, 2,2'-diethyl-;  $[C_6H_{13}CH(CH_2)_2CH_3]_2NH$ . (Amine di-(2-ethyl-*n*-hexyl)-).  
NT houseflies. 271, 1276.
- 681-994-1291.  
Dioctylamine hydrochloride;  $(C_8H_{17})_2NH.HCl$ .  
Fly spray. 112, 1127P.
- 681-994-1450.  
Dioctylamine derivatives. (Salts of dioctyl amine).  
1127P.
- 681-995-997.  
Heptylamine, *N*-Hexyl-;  $C_8H_{17}NHC_7H_{15}$ .  
81% T houseflies at 5%. 271, 1144.
- 681-995-997.  
Dihexylamine, 1-methyl-;  $C_6H_{13}NHC(CH_3)_2C_6H_{13}$ . (*N*,*n*-Hexyl, 2-aminooheptane).  
71% T houseflies at 5%. 271.
- 681-995-997.  
Hexylamine, *N*-(1-propylbutyl)-;  $C_8H_{17}NHCH(C_4H_9)C_3H_7$ . (*N*,*n*-Hexyl, 4-aminooheptane).  
31% T houseflies at 5%. 271.
- 681-998.  
Diheptylamine;  $(C_7H_{15})_2NH$ . (Di-*n*-heptylamine).  
73% T houseflies at 5%. 271.
- 681-998.  
Heptylamine, *N*-(1-methylamyl)-;  $C_7H_{15}NHCH-(CH_2)_6C_6H_{13}$ . (*N*,*n*-Heptyl, 2-aminooheptane).  
49% T houseflies at 5%. 271.
- 681-998.  
Heptylamine, *N*-(1-propylbutyl)-;  $C_7H_{15}NHCH-(C_4H_9)C_3H_7$ . (*N*,*n*-Heptyl, 4-aminooheptane).  
46% T houseflies at 5%. 271.
- 681-998.  
Dihexylamine;  $(C_6H_{13})_2NH$ .  
58% T houseflies at 5%, 112, 271, 1127P.
- 681-1000.  
Diamylamine;  $[CH_2(CH_2)_4]_2NH$ .  
83% T houseflies, 49-73% *T. Lucilia sericata* larvae, and *T. Aphis rumicis*. 112, 150, 271, 723, 1127P, 1152.
- 681-1000.  
Disoamylamine;  $[(CH_3)_2CHCH_2CH_2]_2NH$ . (Bis-( $\gamma$ -methylbutyl)amine).  
NT rice weevil. 1180.
- 681-1002.  
Dibutylamine;  $[CH_2(CH_2)_3]_2NH$ .  
T rice weevil, *Culex quinquefasciatus*, screwworm larvae, 87-100% *T. Lucilia sericata*, and 83% T houseflies. 112, 157, 268, 271, 944, 1127P, 1180, 1403.
- 681-1002.  
Diisobutylamine;  $[(CH_3)_2CHCH_2]_2NH$ . (Bis( $\beta$ -methylpropyl)amine).  
100% T rice weevil; ST houseflies. 271, 1180.
- 681-1004.  
Dipropylamine;  $(C_3H_7)_3NH$ .  
100% T rice weevil. 268, 271, 1180.
- 681-1004.  
Diisopropylamine;  $[(CH_3)_2CH]_2NH$ .  
100% T rice weevil. 268, 1180.
- 681-1004-1033.  
Diallylamine;  $(CH_2=CHCH_2)_2NH$ . (Di-2-propenylamine).  
100% T rice weevil. 1180.
- 681-1012.  
Diethylamine;  $(C_2H_5)_2NH$ .  
T *Lucilia cuprina* and codling moth larvae; NT red scale. 268, 849, 915.
- 681-1022.  
Dimethylamine;  $(CH_3)_2NH$ .  
T *Sitophilus oryzae*. 1180.
- 682-700-955.  
Azophenine;  $(C_6H_5N)_2C_6H_5(NHC_6H_5)_2$ .  
ST potato leaf hopper and codling moth at 4%. 1481.
- 682-700-955-1022-1291.  
Spirit blue;  
 $C_{20}H_{15}N_3O_2$   
 $C_8H_5N_2Cl$   
 $C_{14}H_{10}NaSO_4$   
(C. I. #689).  
(Phenylated roaniline; may be acetate, hydrochloride or sulfate salt).  
NT mosquito larvae. 487.
- 682-730-951-1021.  
2,4-Toluenediamine, *N*,*N'*-bis(2-pyridyl)-;  $CH_3C_6H_4(NHC_5H_4N)_2$ . (*N*,*N'*-Di-2-pyridyl- $\alpha,\gamma$ -diaminotoluene).  
58% T mosquito larvae. 487.
- 682-800-953.  
Diphenylamine, *p*-anilino-, sulfurized, CU. (Sulfurized *p*-phenylamino-diphenylamine).  
29% T adult Mexican bean beetle. 606, 1432.
- 682-952-1011.  
Ethylenediamine, *N*,*N'*-diphenyl-;  $C_6H_5NHCH_2CH_2NH(C_6H_5)_2$ . (*N*,*N'*-Diphenylethylenediamine; ethylene-diphenyldiamine).  
93% T codling moth larvae. 487, 915, 1291.
- 682-953.  
*p*-Phenylenediamine, *N*,*N'*-diphenyl-;  $C_6H_4(NHC_6H_5)_2$ .  
NT mosquito larvae. 487, 1291.
- 683-1027-1030.  
Amines, alkylene, substituted;  $XNHR(NHR)_nNLX$  (or a salt thereof).  
The above formula in which R is an alkylene radical selected from the group consisting of ethylene, trimethylene, and propylene radicals, X is selected from the group consisting of hydrogen and alkyl radicals having less than 21 carbon atoms, at least one of which is an alkyl radical having more than 7 carbon atoms, and n is a number from 0 to 2.  
816P.
- 684-696-732-950-955-1291.  
Induline (Spirit soluble, C. I. #360);  $C_8H_8(C_2H_4-N)_2(NHC_6H_5)_2Cl$ .  
60% T codling moth larvae; NT mosquito larvae. 487, 1291.
- 691-696-953-1014-1021-1030-1389.  
Brilliant green;  $C_{20}H_{16}CH(C_6H_4N(C_2H_5)_2)_2H_2SO_4$ . (Diamond green C; emerald green; ethyl green; fast green J; fast green S; malachite green C; new Victoria green; smaragdine green; solid green J; solid green TFO).  
T codling moth and *Lucilia cuprina* larvae; NT clothes moth. 849, 915, 974, 1144, 1176.
- 691-696-953-1025-1030-1291.  
Malachite green;  $C_8H_8O[C(C_6H_4N(CH_3)_2)Cl]C_6H_4N(CH_3)_2$ .  
T codling moth and *Lucilia cuprina* larvae. 849, 915, 1144.
- 691-701-951-963-1021.  
Caprylonitrile,  $\alpha$ -(*N*-methylanilino)-;  $CH_3(CH_2)_6-CH(NC_6H_4CH_3)CN$ . ( $\alpha$ -(*N*-Phenyl-*N*-methylanilino) octonitrile). 238P.
- 691-701-951-1011-1022.  
Glycinonitrile, *N*-methyl-*N*-phenyl-;  $C_6H_5N(CH_3)-CH_2CN$ ? (*N*-Phenyl-*N*-methyloacetoneitrile). 238P.
- 691-701-951-1013.  
Glycinonitrile, *N*,*N*-diethyl- $\alpha$ -phenyl-;  $(C_2H_5)_2NCH(C_6H_5)CN$ . ( $\alpha$ -(Diethylamino)phenyl acetoneitrile). 238P.
- 691-701-975-1011-1027-1030.  
Glycinonitrile, substituted-;  $R(R_1)NC(R_2)(R_3)CN$ . (Aminoacetoneitrile, substituted).  
The above formula where  $R_2$  and  $R_3$  may be H or the same or different alkyl, alkenyl, aralkyl or aryl groups, or may together form a closed methylene and R and R' may be the same or different alkyl, cycloalkyl, aralkyl or aryl groups or 1, etc. 238P.
- 691-730-951-1021.  
Pyridine, 3-(*N*-methyl-*N*-phenylamino)-;  $(C_6H_4N)-N(CH_3)C_6H_5$ . ( $\beta$ -Pyridylphenylmethylamine).  
ST *Aphis rumicis*. 1151.
- 691-730-952.  
Pyridine, 2-(*N*,*N*-diphenylamino)-;  $(C_6H_5)_2NC_6H_4-N$ . (Diphenyl-2-pyridylamine).

- 80% T mosquito larvae. 487.
- 691-730-1001-1003-1030.  
Pyridine, 3-[(4-butylmethlamino)-1-butenyl]-;  
(C<sub>4</sub>H<sub>9</sub>N)CH:CHC<sub>2</sub>H<sub>4</sub>N(CH<sub>3</sub>)C<sub>2</sub>H<sub>5</sub>. (Propyl-met-  
nicotine).  
T *Aphis rumicis*. 1151.
- 691-730-1001-1021-1030.  
Pyridine, 3-(4-dimethylamino-1-butenyl)-; (C<sub>5</sub>H<sub>4</sub>-  
N)CH:CHC<sub>2</sub>H<sub>4</sub>N(CH<sub>3</sub>)<sub>2</sub>. (Methyl-metanicotine).  
T *Aphis rumicis*. 1151.
- 691-800-953.  
Triphenylamine, sulfurized.  
NT adult Mexican bean beetle. 606, 1432.
- 691-887-1021-1045.  
Cyclohexylamines, N-alkyl-N-(C-substituted alkyl)-;  
XCH<sub>2</sub>N(Z)Y.  
The above formula in which X is selected from the  
group of phenyl, C-alkyl-substituted, and C-halo-  
gen-substituted phenyl radicals; Y from the group  
of cyclohexyl, C-alkyl substituted and C-halogen-  
substituted cyclohexyl radicals; and Z from the  
group of alkyl, chloroalkyl, and alkylol radicals.  
Fly spray. 112, 1015P.
- 691-951-961-993-1021.  
Cyclohexylamine, N-benzyl-N- octyl-; C<sub>8</sub>H<sub>5</sub>CH<sub>2</sub>N-  
(C<sub>8</sub>H<sub>17</sub>)C<sub>6</sub>H<sub>11</sub>.  
Fly spray. 112, 1015P.
- 691-951-961-993-1021.  
Cyclohexylamine, N-benzyl-N-2-ethylhexyl-; C<sub>6</sub>H<sub>5</sub>-  
CH<sub>2</sub>N(C<sub>8</sub>H<sub>17</sub>)C<sub>6</sub>H<sub>11</sub>.  
Fly spray. 112, 1015P.
- 691-951-961-997-1021.  
Cyclohexylamine, N-benzyl-N-hexyl-; C<sub>6</sub>H<sub>5</sub>CH<sub>2</sub>N-  
(C<sub>6</sub>H<sub>13</sub>)C<sub>6</sub>H<sub>11</sub>.  
Fly spray. 112, 1015P.
- 691-951-961-999-1021.  
Cyclohexylamine, N-amyl-N-benzyl-; C<sub>6</sub>H<sub>11</sub>N(C<sub>5</sub>-  
H<sub>11</sub>)CH<sub>2</sub>C<sub>6</sub>H<sub>5</sub>.  
HT red spider and thrips; T houseflies. 112, 774,  
1015P.
- 691-951-961-1001-1021.  
Cyclohexylamine, N-benzyl-N-butyl-; C<sub>6</sub>H<sub>5</sub>CH<sub>2</sub>N-  
(C<sub>4</sub>H<sub>9</sub>)C<sub>6</sub>H<sub>11</sub>.  
Fly spray. 112, 1015P.
- 691-951-961-1011-1021.  
Cyclohexylamine, N-benzyl-N-ethyl-; C<sub>6</sub>H<sub>5</sub>CH<sub>2</sub>N-  
(C<sub>2</sub>H<sub>5</sub>)C<sub>6</sub>H<sub>11</sub>.  
NT houseflies. 112, 1015P, 1278.
- 691-951-961-1021.  
Dicyclohexylamine, N-benzyl-; (C<sub>6</sub>H<sub>11</sub>)<sub>2</sub>NCH<sub>2</sub>C<sub>6</sub>H<sub>5</sub>.  
ST *Myzus persicae* and *Tetranychus telarius*.  
772.
- 691-951-1001-1021.  
Aniline, N-butyl-N-methyl-; C<sub>6</sub>H<sub>5</sub>N(CH<sub>3</sub>)C<sub>4</sub>H<sub>9</sub>.  
(Phenyl-n-butyl-N-methylamine).  
ST *Aphis rumicis*. 1151.
- 691-951-1012.  
Aniline, N,N-diethyl-; C<sub>6</sub>H<sub>5</sub>N(C<sub>2</sub>H<sub>5</sub>)<sub>2</sub>.  
ST codling moth. 915.
- 691-951-1012-1021.  
o-Toluidine, N,N-diethyl-; CH<sub>3</sub>C<sub>6</sub>H<sub>4</sub>N(C<sub>2</sub>H<sub>5</sub>)<sub>2</sub>.  
ST codling moth. 915.
- 691-951-1022.  
Aniline, N,N-dimethyl-; C<sub>6</sub>H<sub>5</sub>N(CH<sub>3</sub>)<sub>2</sub>. (Phenyl-N-  
methylmethylaniline).  
ST *Aphis rumicis*. 915, 1151, 1153.
- 691-951-1022-1113-1350.  
Aniline, arsenoso-N,N-dimethyl-, CU? (CH<sub>3</sub>)<sub>2</sub>NC-  
H<sub>4</sub>AsO. (Dimethyl anilino arsenious oxide).  
MT *Malacosoma americana* at 0.1%. 119.
- 691-952-961-1021.  
Cyclohexylamine, N-benzyl-N-phenyl-; C<sub>6</sub>H<sub>5</sub>CH<sub>2</sub>N-  
(C<sub>6</sub>H<sub>5</sub>)C<sub>6</sub>H<sub>11</sub>.  
Fly spray. 112, 1015P.
- 691-952-1011-1022.  
o-Toluidine, N-benzyl-N-ethyl-; CH<sub>3</sub>C<sub>6</sub>H<sub>4</sub>N(C<sub>2</sub>H<sub>5</sub>)-  
CH<sub>2</sub>C<sub>6</sub>H<sub>5</sub>. (Ethyl benzyl o-toluidine).  
T codling moth. 915.
- 691-952-1021.  
Diphenylamine, N-methyl-; (C<sub>6</sub>H<sub>5</sub>)<sub>2</sub>NCH<sub>3</sub>.  
T codling moth and T screwworms at m.l.c. of  
0.17-0.33%. 156, 915.
- 691-953.  
Triphenylamine; (C<sub>6</sub>H<sub>5</sub>)<sub>3</sub>N.  
18% T *Lucilia sericata* larvae; NT codling moth.  
156, 723, 915.
- 691-953-1022.  
Dibenzylamine, N-phenyl-; (C<sub>6</sub>H<sub>5</sub>CH<sub>2</sub>)<sub>2</sub>NC<sub>6</sub>H<sub>5</sub>.  
(N-Dibenzylaniline).  
NT screwworms. 156.
- 691-953-1023.  
Tribenzylamine; (C<sub>6</sub>H<sub>5</sub>CH<sub>2</sub>)<sub>3</sub>N.  
T *Aphis rumicis*; NT screwworms and codling  
moth. 156, 915, 1377.
- 691-961-1022.  
Cyclohexylamine, N,N-dimethyl-; C<sub>6</sub>H<sub>11</sub>N(CH<sub>3</sub>)<sub>2</sub>.  
(Dimethylaminocyclohexane). 539A.
- 691-969.  
Tridodecylamine; N[(CH<sub>2</sub>)<sub>10</sub>CH<sub>2</sub>]<sub>3</sub>. (Trilaury-  
lamine).  
T houseflies. 107P, 112, 593P.
- 691-994.  
Triethylamine; (C<sub>2</sub>H<sub>5</sub>)<sub>3</sub>N.  
NT houseflies. 1144.
- 691-1000.  
Triamylamine; (C<sub>5</sub>H<sub>11</sub>)<sub>3</sub>N.  
NT houseflies. 1276.
- 691-1000.  
Trisamylamine; (C<sub>5</sub>H<sub>11</sub>)<sub>3</sub>N.  
T codling moth; NT rice weevil. 915, 1180.
- 691-1002.  
Tributylamine; [(CH<sub>3</sub>)CH<sub>2</sub>]<sub>3</sub>N.  
T rice weevil and 47-100% T *Lucilia sericata* lar-  
vae. 723, 1180.
- 691-1002-1313.  
Tributylamine fluosilicate; (C<sub>4</sub>H<sub>9</sub>)<sub>3</sub>NH<sub>2</sub>SiF<sub>6</sub>?  
T as mothproofing agent. 307P, 1179, 1225P, 1228P.
- 691-1004.  
Tripropylamine; (C<sub>3</sub>H<sub>7</sub>)<sub>3</sub>N.  
T *Sitophilus oryzae*. 1180.
- 691-1013.  
Triethylamine; (C<sub>2</sub>H<sub>5</sub>)<sub>3</sub>N.  
ST codling moth; NT *Chrysomphalus aurantii*.  
268, 915.
- 691-1013-1291.  
Triethylamine hydrochloride; (C<sub>2</sub>H<sub>5</sub>)<sub>3</sub>N.HCl.  
T *Aphis rumicis*. 1152.
- 691-1023.  
Trimethylamine; (CH<sub>3</sub>)<sub>3</sub>N.  
ST codling moth. 915.
- 691-1023-1391.  
Trimethylamine hydrochloride; (CH<sub>3</sub>)<sub>3</sub>N.HCl.  
T *Aphis rumicis*. 1152.
- 692-696-952-1025-1030-1291.  
Crystal violet; C<sub>25</sub>H<sub>30</sub>N<sub>4</sub>O<sub>4</sub>. (Methylrosaniline;  
hydrochloride of hexamethyl-p-rosaniline).  
T *Lucilia cuprina* larvae. 849, 1144.
- 692-700-952-1025-1030-1291.  
Methyl violet; C<sub>25</sub>H<sub>27</sub>N<sub>4</sub>.HCl. (Hydrochloride of  
pentamethyl-p-rosaniline).  
NT clothes moth. 974, 1176.
- 692-952-1024.  
Benzidine, N,N,N',N'-tetramethyl-; (CH<sub>3</sub>)<sub>2</sub>NC<sub>6</sub>H<sub>4</sub>-  
C<sub>6</sub>H<sub>4</sub>N(CH<sub>3</sub>)<sub>2</sub>.  
NT *Bombus mori* larvae. 561.
- 692-953-1025.  
Aniline, p,p'-benzylidenebis [N,N-dimethyl-; C<sub>6</sub>H<sub>5</sub>-  
CH[(C<sub>6</sub>H<sub>5</sub>)N(CH<sub>3</sub>)<sub>2</sub>]<sub>2</sub>. (Bis(p-N,N-dimethylamino-  
phenyl)methane).  
NT as mothproofing agent. 239.
- 693-953-1025.  
Aniline, p,p',p''-methylidynetris [N,N-dimethyl-;  
[(CH<sub>3</sub>)<sub>2</sub>NC<sub>6</sub>H<sub>4</sub>]<sub>3</sub>CH. (Tris(p-N,N-dimethylamino-  
phenyl)methane).  
NT as mothproofing agent. 239.
- 693-953-1113.  
Arsine, tris(N-dimethylaniline)-, CU; [(CH<sub>3</sub>)<sub>2</sub>NC<sub>6</sub>-  
H<sub>4</sub>]<sub>3</sub>As. (Arsine, tri-dimethylanilino-phenyl).  
T as mothproofing agent. 463P, 641P, 1176.
- 696-730-740-959-1021-1276.  
Necotinium bromide, dodecyl-; [C<sub>12</sub>H<sub>25</sub>N(C<sub>12</sub>H<sub>25</sub>)Br]-  
C<sub>6</sub>H<sub>5</sub>NCH<sub>3</sub>. (Necotine dodecyl necotinium bromide).  
NT *Aphis rumicis*. 628.

- 696-730-740-989-1021-1276.  
Nicotinium dibromide, didodecyl-;  $[\text{C}_6\text{H}_4\text{N}(\text{C}_{12}\text{H}_{25})_2]\text{Br}_2$  (Nicotine didodecyl nicotinium dibromide).  
NT *Aphis rumicis*. 828.
- 696-730-740-989-1021-1333.  
Nicotinium iodide, dodecyl-;  $[\text{C}_6\text{H}_4\text{N}(\text{C}_{12}\text{H}_{25})]\text{I}\cdot\text{C}_6\text{H}_5\text{NCH}_3$ .  
T *Aphis rumicis*. 110, 628.
- 696-730-740-989-1021-1333.  
Nicotinium diiodide, didodecyl-;  $[\text{C}_6\text{H}_4\text{N}(\text{C}_{12}\text{H}_{25})]\text{I}_2\cdot\text{C}_6\text{H}_5\text{N}(\text{C}_{12}\text{H}_{25})(\text{CH}_3)\text{I}$ .  
T *Aphis rumicis*. 110, 628.
- 696-730-950-1011-1022-1333.  
Quinolinium iodide, 2,6-dimethyl-1-ethyl-;  $(\text{CH}_3)_2\text{-C}_6\text{H}_3\text{N}(\text{C}_2\text{H}_5)\text{I}$ . (2,6-Dimethylquinoline ethiodide).  
NT silk moth. 110, 561.
- 696-730-950-1011-1021-1333.  
Quinadimium iodide, 1-ethyl-;  $\text{CH}_3\text{C}_6\text{H}_4\text{N}(\text{C}_2\text{H}_5)\text{I}$ . (Quinadine ethiodide).  
T screwworms at m.l.e. of 0.33-0.67%. 110, 156.
- 696-730-950-1011-1333.  
Quinolinium iodide, 1-ethyl-;  $\text{C}_6\text{H}_4\text{N}(\text{C}_2\text{H}_5)\text{I}$ . (Quinoline ethiodide).  
T screwworms at m.l.e. of 0.10-0.17%. 110, 156.
- 696-730-1003-1030-1276.  
Pyridinium bromide, 1-allyl-;  $(\text{C}_5\text{H}_5\text{N})(\text{CH}_2\cdot\text{CH}\cdot\text{CH}_3)\text{Br}$ . (Pyridine allyl bromide).  
T *Aphis rumicis*. 1151.
- 696-730-1011-1030-1276.  
Pyridinium bromide, 1-vinyl-;  $(\text{C}_5\text{H}_5\text{N})(\text{CH}_2\cdot\text{CH}_2)\cdot\text{Br}$ . (Pyridine vinyl bromide).  
T *Aphis rumicis*. 1151.
- 696-730-1011-1325.  
Pyridinium hydroxide, 1-ethyl-;  $\text{C}_6\text{H}_5\text{N}(\text{C}_2\text{H}_5)\text{OH}$ . (Pyridine ethyl hydroxide).  
T *Aphis rumicis*. 1152.
- 696-730-1011-1333.  
Pyridinium iodide, 1-ethyl-;  $\text{C}_6\text{H}_5\text{N}(\text{C}_2\text{H}_5)\text{I}$ .  
T *Aphis rumicis*. 110, 1152.
- 696-730-1011-1389.  
Piperidinium sulfate, 1-ethyl-;  $\text{C}_5\text{H}_{10}\text{NC}_2\text{H}_5\text{H}_2\text{SO}_4$ . (N-Ethyl piperidine sulfate).  
T *Aphis rumicis*. 1152.
- 696-541-1011-1023-1276.  
Choline, bromo-, bromide;  $\text{BrC}_2\text{H}_4\text{N}(\text{CH}_3)_3\text{Br}$ .  
NT Colorado potato beetle and Mexican bean beetle. 606.
- 696-851-1011-1023-1291.  
Ammonium chloride, chloroethyltrimethyl-;  $\text{CN}(\text{CH}_3)_3\text{CH}_2\text{CH}_2\text{Cl}$ ?  
T *Aphis rumicis*. 994P.
- 696-951-989-1021-1291.  
Ammonium chloride, benzyltrimethyldodecyl-;  $\text{C}_6\text{H}_5\text{CH}_2\text{N}(\text{CH}_3)_3(\text{C}_{12}\text{H}_{25})\text{Cl}$ . 351P.
- 696-975.  
Ammonium compounds, substituted alkyl-. (Cyclic quaternary ammonium compound).  
Selected from the class consisting of those containing from one to three monocyclic aryl radicals and those containing nitrogenous mono- and di-cyclic hetero radicals, there is a quaternary ammonium group selected from the group consisting of RN (union)-alkyl(alkyl) and  $\text{C}_6\text{H}_5\text{N}$  (anion) aralkyl wherein R is a member of the group consisting of alkyl and aralkyl radicals. 1266AP.
- 696-1003-1023-1030-1276.  
Ammonium bromide, allyltrimethyl-;  $\text{CH}_3\text{CH}\cdot\text{CHN}(\text{CH}_3)_3\text{Br}$ .  
T *Aphis rumicis*. 1151.
- 696-1003-1023-1030-1325.  
Ammonium hydroxide, allyltrimethyl-;  $\text{CH}_2\text{CH}\cdot\text{CHN}(\text{CH}_3)_3\text{Br}$ .  
T *Aphis rumicis*. 1151.
- 696-1004-1325.  
Ammonium hydroxide, tetrapropyl-;  $(\text{C}_3\text{H}_7)_4\text{NOH}$ .  
T *Aphis rumicis*. 1152.
- 696-1011-1023-1030-1325.  
Neurine;  $\text{CH}_2\cdot\text{CHN}(\text{CH}_3)_3\text{OH}$ . (Vinyltrimethyl-ammonium hydroxide).  
T *Aphis rumicis*. 1151.
- 696-1014-1291.  
Ammonium chloride, tetraethyl-;  $(\text{C}_2\text{H}_5)_4\text{NCl}$ .  
T *Aphis rumicis*. 1152.
- 696-1014-1325.  
Ammonium hydroxide, tetraethyl-;  $(\text{C}_2\text{H}_5)_4\text{NOH}$ .  
NT codling moth. 915.
- 696-1024-1291.  
Ammonium chloride, tetramethyl-;  $(\text{CH}_3)_4\text{NCl}$ .  
T *Aphis rumicis*. 1152.
- 696-1024-1325.  
Ammonium hydroxide, tetramethyl-;  $(\text{CH}_3)_4\text{NOH}$ .  
T codling moth; NT rice weevil. 915, 1180, 1255P.
- 696-1024-1333.  
Ammonium iodide, tetramethyl-;  $(\text{CH}_3)_4\text{NI}$ . (Ammonium compound, tetramethyl-iodide).  
T Colorado potato beetle and Mexican bean beetle. 110, 606.
- 696-1045.  
Ammonium compounds, quaternary, substituted, CU.  
T as methproofing agent. 678P, 1266AP.
- 700-951.  
Quinone dioxime;  $\text{C}_6\text{H}_4(\text{NH})_2$ . 721AP.
- 700-952-1021.  
Aniline, N-benzylidene-;  $\text{C}_6\text{H}_5\text{N}:\text{CHC}_6\text{H}_5$ . (Benzal-aniline).  
100% T mosquito larvae and T screwworms at m.l.e. of 0.33-0.67%. 156, 239, 487.
- 700-953-1023.  
o,a-Toluenediamine, N,N-dibenzylidene? ( $\text{C}_6\text{H}_5\text{C}\cdot\text{H})_2\text{N}_2$ . (Hydrobenzamide).  
MT cockroaches and 29% T corn borer; NT codling moth. 587, 915, 1120.
- 701-730.  
Nictinonitrile;  $(\text{C}_6\text{H}_4\text{N})\text{CN}$ . ( $\beta$ -Pyridyleyanide).  
ST *Aphis rumicis*. 1151.
- 701-851-851-1021.  
Benzonitrile, p-chloro-;  $\text{ClC}_6\text{H}_4\text{CN}$ .  
ST codling moth. 915.
- 701-851-1011.  
Acetonitrile, chloro-;  $\text{ClCH}_2\text{CN}$ .  
95% T *Tribolium confusum*. 1155.
- 701-851-1021.  
Cyanogen chloride;  $\text{CNCl}$ . (Chlorine cyanide).  
Injurious to plants. 154AP, 1041, 1295.
- 701-853-1011.  
Acetonitrile, trichloro-;  $\text{Cl}_3\text{CCN}$ . 1144.
- 701-871-1011.  
Acetonitrile, iodo-;  $\text{ICH}_2\text{CN}$ .  
HT insects. 110, 1092.
- 701-924-1021.  
1-Naphthonitrile;  $\text{C}_{10}\text{H}_7\text{CN}$ . ( $\alpha$ -Cyan-naphthalene).  
100% T *Aphis rumicis*. 173P.
- 701-924-1021.  
2-Naphthonitrile;  $\text{C}_{10}\text{H}_7\text{CN}$ . ( $\beta$ -Cyan-naphthalene).  
100% T *Aphis rumicis* and T screwworms. 156, 173P.
- 701-951-1011.  
 $\alpha$ -Tolunitrile;  $\text{C}_6\text{H}_5\text{CH}_2\text{CN}$ . (Phenoacetonitrile; phenylacetoneitrile?).  
NT *Hippodamia convergens*. 1110.
- 701-951-1021.  
Benzonitrile;  $\text{C}_6\text{H}_5\text{CN}$ . (Benzeneacarbonitrile; phenyl cyanide).  
T *Leptinotarsa decemlineata* and housefly; NT codling moth and red scale. 268, 915, 1002, 1009.
- 701-951-1022.  
p-Tolunitrile;  $\text{CH}_3\text{C}_6\text{H}_4\text{CN}$ . (4-Methylbenzene-carbonitrile; p-methylbenzonitrile).  
NT Colorado potato beetle and Mexican bean beetle. 606.
- 701-988.  
Tridecanenitrile;  $\text{C}_{13}\text{H}_{25}\text{CN}$ . (Lauryl cyanide; n-dodecyl cyanide?).  
T houseflies. 107P, 112, 593P, 1276.
- 701-997.  
Isocyanonitrile;  $(\text{CH}_3)_3\text{CHCH}_2\text{CH}_2\text{CN}$ . (4-Methyl-pentanenitrile; isocamyl cyanide; isobutyl acetonitrile).  
100% T rice weevil. 1180.
- 701-999.  
Valeronitrile;  $\text{C}_6\text{H}_5\text{CN}$ . (Pentanenitrile; n-butyl cyanide).  
100% T rice weevil. 1180.
- 701-1001.  
Butyronitrile;  $\text{C}_4\text{H}_7\text{CN}$ .  
T rice weevil. 1180.
- 701-1001-1030.  
3-Butenynitrile;  $\text{CH}_2\cdot\text{CHCH}_2\text{CN}$ . (3-Butenenitrile;

- vinylacetonitrile;  $\beta$ -butenenitrile).  
NT red scale. 268.
- 701-1003.  
Propionitrile;  $C_2H_5CN$ .  
NT *Chrysomphalus aurantii*. 268.
- 701-1003-1030.  
Acrylonitrile;  $CH_2=CHCN$ . (Propenenitrile; vinyl cyanide).  
95% T *Tribolium confusum*. 1155.
- 701-1011.  
Acetonitrile;  $CH_3CN$ . (Ethanenitrile; methyl cyanide).  
T codling moth; NT red scale. 268, 915.
- 701-1027.  
Alkyl nitriles. 36P.
- 702-951-1022.  
Phthalonitrile;  $C_8H_4(CN)_2$ . (Orthodicyanobenzene).  
T codling moth larvae, screwworm, southern army worm, imported cabbage worm, melon worm, Hawaiian beet webworm, southern beet webworm, cowpea weevil, rice weevil, termites, and mosquito larvae. 157, 239, 1239, 1312, 1481.
- 702-999.  
Glutaronitrile;  $CH_2(CH_2CN)_2$ . (Trimethylene cyanide).  
T *Leptinotarsa decemlineata*. 1009.
- 702-1001.  
Succinonitrile;  $(-CHCN)_2$ . (Ethylene cyanide).  
ST codling moth. 915.
- 711-951-1021.  
Phenyl isocyanide;  $C_6H_5NC$ .  
ST codling moth. 915.
720.  
Sparteine;  $C_{28}H_{48}N_2$ . (Lupinidine).  
T as mothproofing agent. 1176, 1260P.
730.  
Pyridine;  $C_5H_5N$ .  
T *Polychrosis botrana* and *Tribolium confusum*;  
NT wireworms. 175, 505P, 1020, 1093, 1149, 1185, 1214, 1396.
730.  
Piperidine;  $C_4H_{11}N$ . (Hexahydropyridine).  
ST *Aphis rumicis*. 119, 915, 1225P.
730.  
2,2'-Bipyridine;  $(C_5H_4N)_2$ . ( $\alpha,\alpha$ -Dipyridyl).  
T *Aphis rumicis*. 1153.
730.  
3,3'-Bipyridine;  $(C_5H_4N)_2$ . ( $\beta,\beta$ -Dipyridyl).  
T *Aphis rumicis*. 1153.
730.  
3,4'-Bipyridine;  $(C_5H_4N)_2$ . ( $\beta,\gamma$ -Dipyridyl).  
T *Aphis rumicis*. 1153.
730.  
4,4'-Bipyridine;  $(C_5H_4N)_2$ . ( $\gamma,\gamma$ -Dipyridyl).  
T *Aphis rumicis*. 1152.
730.  
Anabasine;  $(C_8H_8N)C_5H_5NH$ . ( $\beta$ -Pyridyl- $\alpha$ -piperidine; neonicotine).  
As contact poison 4 or 5 times as toxic as nicotine against certain aphids but ineffective as stomach poison; toxicity lower than nicotine against mosquito larvae. 171, 1169, 1312.
- Anabasine naphthenate.  
T coccids on citrus. 738A.
- Anabasine resinate.  
T beet aphids. 1228B.
- Anabasine dolphin blubber soaps.  
ST coccids on citrus. 738A.
- For other anabasine compounds see:  
730-1021.  
730-1389.
730.  
Isonicotine;  $(C_5H_4N)C_2H_5NH$ .  
T *Aphis rumicis*. 1153.
- 730-740.  
d-Nornicotine;  $(C_5H_4N)C_4H_7NH$ . (3-(2-Pyrrolidyl)-pyridine).  
T *Aphis rumicis*. 625.
- 730-740.  
l-Nornicotine;  $(C_5H_4N)C_4H_7NH$ . (3-(2-Pyrrolidyl)-pyridine).  
T *Aphis rumicis*. 625.
- 730-740.  
dl-Nornicotine;  $(C_5H_4N)C_4H_7NH$ . (3-(2-Pyrrolidyl)-pyridine).  
T *Aphis rumicis*. 625.
- 730-740-800-1021.  
Nicotine, sulfurized.  
NT European corn borer. 1120.
- 730-740-1021.  
a-Nicotine;  $(C_5H_4N)C_4H_7NCH_3$ . (2-(1-Methyl-2-pyrrolidyl)pyridine).  
Less toxic than  $\beta$ -nicotine. 1146.
- 730-740-1021.  
d-Nicotine;  $(C_5H_4N)C_4H_7NCH_3$ .  
T *Aphis rumicis*. 625.
- 730-740-1021.  
l-Nicotine;  $(C_5H_4N)C_4H_7NCH_3$ . (Natural nicotine; 3-(1-methyl-2-pyrrolidyl)pyridine).  
HT many insects; standard insecticide. 79, 134, 477, 507, 625, 727, 747, 933A, 1043, 1048, 1048, 1071, 1280, 1347, 1380, 1485.
- 730-740-1021.  
dl-Nicotine;  $(C_5H_4N)C_4H_7NCH_3$ . (Racemic  $\alpha$ -( $\beta$ -pyridyl)-N-methylpyrrolidine).  
T *Aphis rumicis*. 261.
- 730-740-1021.  
 $\beta$ -Nicotyrine;  $(C_5H_4N)C_4H_7NCH_3$ .  
T *Aphis rumicis*. 1151.
- 730-740-1021.  
Piperidine, 3-(1-methyl-2-pyrrolidyl)-;  $(C_5H_4NH)C_4H_7NCH_3$ . (Hexahydronicotine).  
T *Aphis rumicis*. 1152.
- 730-740-1021-1108-1136-1405.  
Reinecke acid, compound with nicotine. (Nicotine reineckate).  
NT *Aphis rumicis* at 0.1%. 628.
- 730-740-1021-1142-1291.  
Nicotine, cupric chloride compound. (Nicotine  $CuCl_2$  double salt).  
30% T *Aphis rumicis* at 0.1%. 628.
- 730-740-1021-1142-1303.  
Nicotine cuprocyanide compound.  
NT *Aphis rumicis* at 0.1%. 628.
- 730-740-1021-1234-1291.  
Nicotine stannous chloride compound. (Nicotine  $SnCl_2$  double salt).  
52% T *Aphis rumicis* at 0.1%. 628.
- 730-740-1021-1244-1291.  
Nicotine zinc chloride compound. (Nicotine  $ZnCl_2$  double salt).  
30% T *Aphis rumicis* at 0.1%. 628.
- 730-740-1021-1313.  
Nicotine fluosilicate.  
MT Colorado potato beetle, Mexican bean beetle, and T as mothproofing agent. 307P, 606, 1179.
- 730-740-1021-1341.  
Nicotine nitrate.  
T *Rhopalosiphum ribis*. 1267A.
- 730-740-1021-1354-14207.  
Nicotine silicotungstate.  
NT *Aphis rumicis* at 0.1%. 628.
- 730-740-1021-1389.  
Nicotine sulfate.  
Commonly used insecticide.
- 730-740-1021-1393.  
Nicotine sulphite.  
T *Myzus persicae*. 1228A.
- 730-740-1023-1389.  
Nicotinium sulfate, dimethyl-.  
MT *Ascia rapae*, *Plutella maculipennis*, *Phlyctenia rubigalis*, *Prodenia eridania*, and *Lycophotia infecta*. 1372.
- Nicotine alginate compound.  
78% T *Aphis rumicis* at 0.1%. 628.
- Nicotine areket compound.  
78% T *Aphis rumicis* at 0.1%. 628.
- Nicotine bentonite compound.  
NT *Aphis rumicis* at 0.1%. 628.
- Nicotine casein compound.  
86% T *Aphis rumicis* at 0.1%. 628.
- Nicotine humic acid compound. (Nicotine humate).  
78% T *Aphis rumicis* at 0.1%. 628.
- Nicotine naphthenate compound.  
100% T *Aphis rumicis* at 0.1% and ST coccids on citrus. 628, 738A.
- Nicotine peat compound (10% total nicotine in peat).  
T *Aphis rumicis*; NT *Melanoplus m. mexicanus*. 628, 1150.
- Nicotine-resorcinol-formaldehyde mixture.

- T codling moth and *Lucilia cuprina* larvae; NT  
*Aphis rumicis* at 0.1%. 628, 849, 992A.  
Nicotine-dolphin blubber soap compound.  
ST cecids on citrus. 738A.  
Nicotine tannic acid compound. (Nicotine tannate).  
80% T *Bombyx mori* larvae. 561.  
Cellulose inosinicotinate. 357P.  
Diodonnicotine-tannate-glycimine compound. 194P,  
195P, 196P.  
For other nicotine compounds see:  
187-730-951-1001-1021-1030.  
258-730-740-1021-1045.  
460-730-740-791-950-951-1021.  
460-730-740-791-950-1021.  
460-730-740-791-950-1022.  
541-581-730-740-951-1022.  
541-581-730-740-1003-1021.  
541-730-740-853-1011-1021.  
541-730-740-983-1021.  
541-730-740-983-1021-1030.  
541-730-740-983-1021-1033.  
541-730-740-980-1021.  
541-730-740-1011-1021.  
542-582-730-740-1001-1021.  
551-701-730-740-983-1022-1030.  
681-730-1001-1021.  
681-730-1001-1021-1030.  
691-730-1001-1003-1021-1030.  
691-730-1001-1021-1030.  
696-730-740-989-1021-1333.  
730-796-1021.  
2-(1)-Pyridone, N-methyl-thio-;  $S:(C_6H_5N)CH_3$ .  
NT mosquito larvae. 487.  
730-841.  
Pyridine, 3-bromo-;  $Br(C_5H_4N)$ .  
NT California red scale. 268.  
730-851.  
Piperidine, chloro-;  $CU:(C_5H_9N)Cl$ .  
T *Aphis rumicis*. 1152.  
730-851-950.  
Quinoline, 2-chloro-;  $(C_5H_4N)Cl$ . ( $\alpha$ -Chloro-quinoline).  
T screwworms at m.l.c. of 0.03-0.05%. 150.  
730-851-950-1021.  
Lepidine, 2-chloro-;  $CH_3(C_5H_4N)Cl$ . ( $\alpha$ -Chloro-lepidine).  
ST codling moth. 915.  
730-855.  
Pyridine, pentachloro-;  $(C_5N)Cl_5$ .  
NT *Pieris rapae*. 635.  
730-924-1021.  
Benzoquinoline, methyl-,  $CU:(C_9H_5N)CH_3$ . 1225P.  
730-950.  
Acridan;  $C_{14}H_{11}N$ . (9,10-Dihydroacridine).  
NT as mothproofing agent. 239.  
730-950.  
Acridine;  $C_{13}H_9N$ .  
94% T mosquito larvae; NT *Melanoplus m. mexicanus*. 487, 1150, 1225P.  
730-950.  
Isoquinoline;  $C_9H_7N$ . (Benzo[c]pyridine; 2-benzazine; leucoline).  
98% T *Culex quinquefasciatus* and T screwworm;  
MT silkworm; NT *Melanoplus m. mexicanus*. 156,  
157, 561, 1150, 1225P.  
730-950.  
Quinoline;  $C_8H_7N$ .  
T houseflies, codling moth, *Leptinotarsa decemlineata*, and as mothproofing agent. 331P, 841, 915,  
1009, 1176, 1223P, 1276.  
730-950.  
Quinoline, tetrahydro-;  $C_8H_{11}N$ . ( $\alpha$ -II-Tetra-hydro-quinoline).  
T *Aphis rumicis*. 1073, 1152.  
730-950-951.  
Quinoline, tetrahydro-2-phenyl-;  $(C_6H_5NH)C_8H_8$ .  
( $\alpha$ -Phenyltetrahydroquinoline). 1073.  
730-950-951-1021.  
Quinoline, tetrahydro-, 2-( $\alpha$ -tolyl)-;  $(C_6H_5NH)C_8H_8$ .  
( $\alpha$ - $\alpha$ -Tolyltetrahydroquinoline). 1073.  
730-950-951-1021.  
Quinoline, tetrahydro-, 2-( $p$ -tolyl)-;  $(C_6H_5NH)C_8H_8$ .  
( $\alpha$ - $p$ -Tolyltetrahydroquinoline). 1073.  
730-950-951-1023.  
Quinoline, tetrahydro-, 2-( $\alpha$ -mesityl)-;  $(CH_3)_2C_6H_3$ .  
 $H_2CH_2C_3H_3NH$ . ( $\alpha$ -Mesityltetrahydro-quinoline).  
1073.  
730-950-1001.  
Quinoline, tetrahydro-, 2-butyl-;  $C_4H_9C_8H_8NH$ .  
( $\alpha$ -n-Butyltetrahydroquinoline). 1073.  
730-950-1011.  
Quinoline, tetrahydro-, 2-ethyl-;  $C_2H_5C_8H_8NH$ .  
( $\alpha$ -Ethyltetrahydroquinoline). 1073.  
730-950-1021.  
Quinaldine;  $CH_3C_9H_8N$ . (2-Methyl quinoline).  
HT screwworms at m.l.c. of 0.03-0.05%; MT  
codling moth and T *Aphis rumicis*. 156, 915,  
1152, 1225P.  
730-950-1021.  
Lepidine;  $CH_3C_9H_8N$ . (4-Methyl quinoline).  
12.5% T wireworms at 537.0 mgs./1. 846.  
730-950-1021.  
Quinoline, 6-methyl-;  $CH_3C_9H_8N$ .  
HT screwworms and 75% T *Culex quinquefasciatus*.  
156, 157.  
730-950-1021.  
Quinoline, 7-methyl-;  $CH_3C_9H_8N$ .  
94% T *Culex quinquefasciatus* and T screwworms.  
156, 157.  
730-950-1021.  
Quinoline, 8-methyl-;  $CH_3C_9H_8N$ .  
100% T *Culex quinquefasciatus* and T screwworms.  
156, 157.  
730-950-1021.  
Quinoline, tetrahydro-, 2-methyl-;  $CH_3C_9H_8NH$ .  
( $\alpha$ -Methyltetrahydroquinoline). 1073.  
730-950-1022.  
Acridan, 5,5-dimethyl-;  $(CH_3)_2C_9H_7N$ .  
T many species of insects. 27, 156, 157, 487, 587,  
1291, 1312.  
730-950-1022.  
Quinoline, 2,4-dimethyl-;  $(CH_3)_2C_9H_7N$ . (4-Methyl  
quinaldine).  
HT screwworms; 68% T *Culex quinquefasciatus*.  
156, 157.  
730-950-1022.  
Quinoline, 2,6-dimethyl-;  $(CH_3)_2C_9H_7N$ . ( $p$ -Tolu-  
quinaldine; 6-methylquinaldine).  
HT screwworms and 99% T *Culex quinquefasciatus*. 156, 157.  
730-950-1023.  
Quinoline, 1,2-dihydro-2,2,4-trimethyl-;  $(CH_3)_3C_9H_7N$ .  
100% T codling moth larvae. 1291.  
730-950-1027.  
Acridan, dialkyl-,  $CU$ . 1232P.  
730-950-1312.  
Quinoline hydrofluoride;  $C_8H_7N.HF$ .  
NT clothes moth. 739, 1176.  
730-950-1313.  
Quinoline fluosilicate;  $(C_8H_7N)_2H_2SiF_6$ .  
T as mothproofing agent. 301P, 307P, 1179.  
730-950-1314.  
Quinoline fluosulphonate;  $C_8H_7N.HSO_3F$ .  
T as mothproofing agent. 823P, 1176.  
730-950-1389.  
Quinoline sulphate;  $C_8H_7N.H_2SO_4$ .  
NT clothes moth. 739, 1176.  
730-950-1450.  
Quinoline salts,  $CU$ .  
T as mothproofing agent. 823P, 1176.  
730-951-1021.  
Pyridine, 2-benzyl-;  $C_6H_5CH_2C_5H_4N$ . ( $\alpha$ -Benzyl-  
pyridine).  
T *Aphis rumicis*. 1151.  
730-951-1021.  
Pyridine, 3-benzyl-;  $C_6H_5CH_2C_5H_4N$ . ( $\beta$ -Benzyl-  
pyridine).  
T *Aphis rumicis*. 1151.  
730-951-1021.  
Pyridine, 4-benzyl-;  $C_6H_5CH_2C_5H_4N$ . ( $\gamma$ -Benzyl-  
pyridine).  
T *Aphis rumicis*. 1151.  
730-989-1193-1276.  
Phosphonium bromide, dodecyl tri-1-piperidyl-;  
 $(C_{12}H_{25}N)_3P(C_{12}H_{25})Br$ . 518P.  
730-1003.  
Comine;  $C_8H_7C_3H_5NH$ .  
T as mothproofing agent. 1133P, 1179.

- 730-1003-1030.  
Pyridine, 3-allyl-;  $\text{CH}_2=\text{CHCH}_2\text{C}_5\text{H}_4\text{N}$ . (8-2-Allyl-pyridine).  
ST *Aphis rumicis*. 1151.
- 730-1003-1276.  
Coniine hydrobromide;  $\text{C}_8\text{H}_{17}\text{C}_5\text{H}_9\text{NH}_2\text{HBr}$ . (Hemlock alkaloid).  
NT codling moth. 915.
- 730-1003-1291.  
Coniine hydrochloride;  $\text{C}_8\text{H}_{17}\text{C}_5\text{H}_9\text{NH}_2\text{HCl}$ .  
T *Aphis rumicis*. 1152.
- 730-1011-1021.  
Collidine, CU;  $\text{CH}_3(\text{C}_5\text{H}_3\text{N})\text{C}_6\text{H}_5$ . (Ethylmethylpyridine). 1225P.
- 730-1021.  
Piperidine, 1,1'-methylenedi-;  $(\text{C}_5\text{H}_{10}\text{N})_2\text{CH}_2$ . (Methylene dipiperidine).  
T *Aphis rumicis*. 1152.
- 730-1021.  
2-Picoline;  $\text{CH}_3\text{C}_5\text{H}_4\text{N}$ . ( $\alpha$ -Picoline; 2-methylpyridine).  
T codling moth; NT California red scale. 268, 915, 1225P.
- 730-1021.  
Anabasine, methyl-;  $(\text{C}_8\text{H}_9\text{N})\text{C}_6\text{H}_5\text{NCH}_3$ .  
T mosquito larvae. 171.
- 730-1021-1193-1333.  
Phosphonium iodide, *N*-tripiperidino methyl-;  $(\text{C}_5\text{H}_9\text{N})_3\text{CH}_3\text{PI}$ .  
T as mothproofing agent. 110, 530P.
- 730-1022.  
Lutidine, CU;  $(\text{CH}_3)_2\text{C}_5\text{H}_7\text{N}$ . (Dimethylpyridine). 1225P.
- 730-1023.  
Collidine;  $(\text{CH}_3)_2\text{C}_5\text{H}_7\text{N}$ . (2,4,6-Trimethylpyridine;  $\gamma$ -collidine). 934P.
- 730-1024-1333.  
2,3'-Bipyridinium iodide, 1,1'-dimethyl-;  $[\text{C}_5\text{H}_4\text{N}(\text{CH}_3)_2]_2$ . ( $\alpha,\beta$ -Dipyridyl dimethyl iodide).  
T aphids. 110, 1305.
- 730-1024-1333.  
4,4'-Bipyridinium iodide, 1,1'-dimethyl-;  $[\text{C}_5\text{H}_4\text{N}(\text{CH}_3)_2]_2$ . ( $\gamma,\gamma$ -Dipyridyl dimethyl iodide).  
T aphids. 110, 1305.
- 730-1045.  
Pyridine, alkaloidal derivatives.  
T as mothproofing agent. 1133P, 1179.
- 730-1045.  
Piperidine, alkaloidal derivatives.  
T as mothproofing agent. 1133P, 1179.
- 730-1108-1136-1142-1405.  
Reinecke acid, piperidine salt;  $\text{C}_5\text{H}_{10}\text{NH}_2\text{H}(\text{Cr}(\text{N}_3)_2(\text{SCN})_4)$ . (Tetrathiocyanatodiamino chromium piperidine; reineckeate, piperidinium).  
100% T Mexican bean beetle, 90-100% T Colorado potato beetle, and 59% T codling moth larvae. 606, 735P, 1432.
- 730-1192-1392.  
Phosphine sulfide, tripiperidyl-;  $(\text{C}_5\text{H}_{10}\text{N})_3\text{PS}$ ? (Tripiperidine-*N*-phosphorus sulfide). 522P.
- 730-1193-1333.  
Phosphonium diiodide, tris(1-piperidyl)-;  $(\text{C}_5\text{H}_{10}\text{N})_3\text{PI}_2$ ? (Phosphonium iodide, *N*-tripiperidyl). 110, 522P.
- 730-1312.  
Pyridine hydrofluoride;  $\text{C}_5\text{H}_5\text{N.HF}$ .  
T as mothproofing agent. 1175, 1357P.
- 730-1313.  
Pyridine fluosilicate;  $\text{C}_5\text{H}_5\text{NHSiF}_6$ ?  
T as mothproofing agent. 307P, 1179.
- 730-1313.  
Piperidine fluosilicate;  $\text{C}_5\text{H}_{10}\text{NHSiF}_6$ ?  
T as mothproofing agent. 307P, 1179.
- 730-1314.  
Pyridine fluosulphonate;  $\text{C}_5\text{H}_5\text{NHSO}_3\text{F}$ ?  
T as mothproofing agent. 823P, 1176.
- 730-1389.  
Bipyridine sulfate, CU;  $(-\text{C}_5\text{H}_4\text{N})_2\text{H}_2\text{SO}_4$ ? (Dipyridyl sulphate). 1039A.
- 730-1389.  
Piperidine sulfate;  $(\text{C}_5\text{H}_9\text{N})_2\text{H}_2\text{SO}_4$ ?  
T *Aphis rumicis*. 1152.
- 730-1389.  
Anabasine sulphate (40% anabasine);  $(\text{C}_8\text{H}_9\text{N})\text{C}_6\text{H}_5\text{NHSO}_4$ .
- T *Myzus persicae* and T *Lucilia cuprina* larvae at 0.1%; ST Japanese beetle. 498A, 849, 1297.
- 730-1450.  
Pyridine salts, CU.  
T as mothproofing agent. 823P, 1176.
732.  
Piperazine;  $\text{C}_4\text{H}_{10}\text{N}_2$ . (Hexahydropyrazine; diethylenediamine).  
T *Aphis rumicis* and 80% T *Bombyx mori* larvae. 357P, 561, 1152.
732.  
Piperazine hexahydrate;  $(\text{C}_4\text{H}_{10}\text{N}_2)_2.6\text{H}_2\text{O}$ . (Piperazine hydrate).  
T codling moth; NT as mothproofing agent. 239, 915.
732.  
Pyrimidine;  $\text{C}_4\text{H}_6\text{N}_2$ .  
T as mothproofing agent. 684P, 1175.
- 732-852-950-951.  
Quinazoline, 3,4-dihydro-6-chloro-3-(*p*-chlorophenyl)-;  $\text{Cl}(\text{C}_6\text{H}_4\text{N}_2)\text{C}_6\text{H}_4\text{Cl}$ . (3-(4-Chlorobenzene)-6-chloro-3,4-dihydroquinazoline).  
ST codling moth at 4%. 1481.
- 732-910-924.  
Benzo-[a]-naphtho-[2,1-c]-phenazine;  $\text{C}_{20}\text{H}_{14}\text{N}_2$ .  
NT as mothproofing agent. 239.
- 732-910-950.  
Dibenzo [a,c]phenazine;  $\text{C}_{20}\text{H}_{12}\text{N}_2$ . (1,2:3,4-Dibenzo phenazine).  
ST codling moth at 4%; NT greenhouse red spider at 4%. 1481.
- 732-924.  
Dibenzo [a,h]phenazine?  $\text{C}_{20}\text{H}_{12}\text{N}_2$ . (Naphthazine).  
ST codling moth at 4%; NT greenhouse red spider at 4%. 1481.
- 732-950.  
Phenazine;  $\text{C}_{12}\text{H}_8\text{N}_2$ .  
T clothes moth, southern beet webworm, rice weevil, Hawaiian beet webworm, termites, codling moth larvae, and European corn borer but burns foliage severely; NT as mothproofing agent (239). 27, 239, 1120, 1312, 1433P, 1481.
- 732-950.  
Benzo[c]cinnoline;  $\text{C}_{12}\text{H}_8\text{N}_2$ . (3,4-Benzocinnoline).  
86% T mosquito larvae and 8% T codling moth larvae. 487, 1291.
- 732-950.  
Phenazine, dihydro-;  $\text{C}_{12}\text{H}_{10}\text{N}_2$ .  
HT codling moth at 4%. 1481.
- 732-950-1113.  
Phenazine diarsonic acid;  $(\text{C}_{12}\text{H}_8\text{N}_2)(\text{AsO}_3\text{H}_2)_2$ .  
ST codling moth at 4%; NT southern army worm at 4%. 1481.
- 732-950-1350.  
Phenazine, 5-oxide-;  $\text{O}:(\text{C}_{12}\text{H}_8\text{N}_2)$ .  
100% T corn borer, 98% T *Culex quinquefasciatus*, and T screwworm larvae. 157, 944, 1120.
- 732-952.  
Piperazine, 1,4-diphenyl-;  $(\text{C}_6\text{H}_5\text{N}_2)(\text{C}_6\text{H}_5)_2$ .  
T codling moth; NT *Bombyx mori* larvae and as mothproofing agent. 239, 559, 915.
- 732-952-1291.  
Piperazine, 1,4-diphenyl-, hydrochloride;  $(\text{C}_6\text{H}_5\text{N}_2)(\text{C}_6\text{H}_5)_2.2\text{HCl}$ .  
NT codling moth. 915.
- 732-1333.  
Piperazine, diiodo-;  $(\text{C}_4\text{H}_{10}\text{N}_2)_2.2\text{HI}$ . 110, 1141P.
733.  
Hexamethylenetetramine;  $\text{C}_6\text{H}_{12}\text{N}_4$ . (Formin).  
T *Aphis rumicis* and as mothproofing agent. 277P, 1152, 1176, 1488P.
- 733-1021.  
Triazine, methyl-, CU;  $(\text{C}_5\text{H}_4\text{N}_2)\text{CH}_3$ . (Monomethyltriazine). 361P.
- 733-1022.  
*s*-Triazine, dimethyl-, CU;  $(\text{C}_5\text{H}_3\text{N}_2)(\text{CH}_3)_2$ . (Dimethyltriazine). 361P.
- 733-1314.  
Hexamethylenetetramine fluosulphonate;  $(\text{C}_6\text{H}_{12}\text{N}_4)_2.\text{HSO}_3\text{F}$ ?  
T as mothproofing agent. 823P, 1176.
- 733-1450.  
Hexamethylenetetramine salts.  
T as mothproofing agent. 823P, 1176.

740. Pyrrole;  $C_4H_5NH$ .  
T *Aphis rumicis*. 1151, 1152.
740. Pyrrolidine;  $C_4H_8NH$ . (Tetrahydropyrrole; tetramethylenimine). 1225P.
- 740-825. Pyrrolidine, 2-(2-thienyl)-;  $(C_4H_5N)(C_6H_5S)$ . ( $\alpha$ -Thienyl- $\alpha$ -pyrrolidine).  
50% T *Thermobia domestica* at 1.2%. 799, 800.
- 740-851-950. Carbazole, 3-chloro-;  $(C_{12}H_9N)Cl$ .  
95% T codling moth larvae and 52% T mosquito larvae. 487, 1291.
- 740-851-951-1021. Pyrrolidine, 2-(p-chlorophenyl)-1-methyl-;  $CH_3(C_4H_5N)(C_6H_4Cl)$ . ( $\alpha$ -(p-Chlorophenyl)-N-methylpyrrolidine).  
T *Aphis rumicis*. 261.
- 740-852-950. Carbazole, 3,6-dichloro-;  $(C_{12}H_8N)Cl_2$ . (3,6-Dichlorodiphenylimide; 3,6-dichlorodiphenylimide).  
T as mothproofing agent. 323P, 1176.
- 740-874. Pyrrole, tetraiodo-;  $(C_4H_5N)I_4$ . (Pyrrol tetraiodide; iodo; iodopyrrole). 110, 616, 914.
- 740-950. Indole;  $C_8H_7N$ . (Benzo[*b*]pyrrole).  
HT greenhouse red spider; MT as mothproofing agent; NT screwworms. 156, 239, 1481.
- 740-950. Carbazole;  $C_{12}H_9N$ . (Carbazol; diphenylimide; iminobiphenyl; iminophenyl karbazol).  
T Japanese beetle, codling moth, and as mothproofing agent. 331P, 915, 985, 1176, 1225P.
- 740-950. Carbazole, 1,2,3,4-tetrahydro-;  $C_{12}H_{13}N$ .  
T screwworm larvae at 0.67% and 61% T mosquito larvae. 487, 488, 944.
- 740-950-1021. Carbazole, 9-methyl-;  $(C_{12}H_9N)CH_3$ . (Carbazole, N-methyl; N-(9)-methylcarbazol).  
T as mothproofing agent. 873P, 1176.
- 740-951. Pyrrole, 1-phenyl-;  $(C_4H_5N)C_6H_5$ . (N-Phenyl pyrrole).  
20% T *Bombyx mori* larvae. 559.
- 740-951. Pyrrolidine, d-2-phenyl-;  $(C_4H_8N)C_6H_5$ . (d- $\alpha$ -Phenylpyrrolidine).  
50% T *Thermobia domestica* at 1.3%. 799, 800.
- 740-951. Pyrrolidine, l-2-phenyl-;  $(C_4H_8N)C_6H_5$ . (l- $\alpha$ -Phenylpyrrolidine).  
50% T *Thermobia domestica* at 1.3%. 799, 800.
- 740-951. Pyrrolidine, dl-2-phenyl-;  $(C_4H_8N)C_6H_5$ . (dl- $\alpha$ -Phenylpyrrolidine).  
50% T *Thermobia domestica* at 2.0%. 799, 800.
- 740-951. Pyrrolidine, 2-phenyl-;  $(C_4H_8N)C_6H_5$ . ( $\alpha$ -Phenylpyrrolidine).  
100% T *Thermobia domestica* and T *Aphis rumicis*. 799, 800, 1151.
- 740-951-1021. Pyrrolidine, d-2-(p-tolyl)-;  $(C_4H_8NH)C_6H_4CH_3$ . (d- $\alpha$ -Para-tolyl-pyrrolidine).  
ST *Aphis rumicis*. 1343A.
- 740-951-1021. Pyrrolidine, l-2-(p-tolyl)-;  $(C_4H_8NH)C_6H_4CH_3$ . (l- $\alpha$ -Para-tolyl-pyrrolidine).  
ST *Aphis rumicis*. 1343A.
- 740-951-1021. Pyrrolidine, 1-methyl-2-phenyl-;  $C_6H_5C_4H_7NCH_3$ . ( $\alpha$ -Phenyl-N-methylpyrrolidine).  
T *Aphis rumicis*. 261, 1151.
- 740-951-1021. Pyrrolidine, 1-benzyl-;  $C_6H_5NCH_2C_6H_5$ . (N-Benzylpyrrolidine).  
T *Aphis rumicis*. 1151.
- 740-951-1022. Pyrrolidine, 2-methyl-1-benzyl-;  $CH_3C_6H_4NCH_2C_6H_5$ . ( $\alpha$ -Methyl-N-benzylpyrrolidine).  
T *Aphis rumicis*. 1151.
- 740-951-1023. Pyrrolidine, 2-mesityl-;  $(CH_3)_3C_6H_2C_4H_7NH$ . (2-Mesityl- $\alpha$ -pyrrolidine).  
50% T *Thermobia domestica* at 1.0%. 799, 800.
- 740-961. Pyrrolidine, d-2-cyclohexyl-;  $C_6H_{11}C_4H_7NH$ . (d- $\alpha$ -Cyclohexylpyrrolidine).  
50% T *Thermobia domestica* at .95%. 799.
- 740-961. Pyrrolidine, l-2-cyclohexyl-;  $C_6H_{11}C_4H_7NH$ . (l- $\alpha$ -Cyclohexylpyrrolidine).  
50% T *Thermobia domestica* at .95%. 799, 800.
- 740-961. Pyrrolidine, dl-2-cyclohexyl-;  $C_6H_{11}C_4H_7NH$ . (dl- $\alpha$ -Cyclohexylpyrrolidine).  
50% T *Thermobia domestica* at 1.5%. 799, 800.
- 740-961. Pyrrolidine, 2-cyclohexyl-;  $C_6H_{11}C_4H_8NH$ . ( $\alpha$ -Cyclohexylpyrrolidine).  
T *Thermobia domestica*. 799, 800.
- 740-999-1021. Pyrrolidine, 1-isoamyl-3-methyl-;  $(CH_3)_2C_4H_7NC_6H_{11}$ .  
T aphids, red spider, and other sucking insects. 130P.
- 740-1001. Pyrrolidine, 1-butyl-;  $C_4H_9NC_4H_7$ . (N-Butyl pyrrolidine).  
T red spider, psyllae, caterpillars, and aphids; MT *Thermobia domestica*. 121P, 130P, 799, 800.
- 740-1001-1021. Pyrrolidine, 2-butyl-1-methyl-;  $C_4H_9C_4H_7NCH_3$ . ( $\alpha$ -n-Butyl-N-methylpyrrolidine).  
NT *Aphis rumicis*. 261.
- 740-1001-1291. Pyrrolidine, 1-butyl-, hydrochloride;  $C_4H_9NC_4H_7HCl$ . (N-n-Butylpyrrolidine hydrochloride).  
T *Aphis rumicis*. 1151.
- 740-1003-1021. Pyrrolidine, 1-methyl-2-propyl-;  $C_3H_7C_4H_7NCH_3$ . ( $\alpha$ -n-Propyl-N-methylpyrrolidine).  
NT *Aphis rumicis*. 261.
- 740-1011. Pyrrole, 1-ethyl-;  $C_4H_7NC_2H_5$ .  
NT California red scale. 268.
- 740-1011-1021. Pyrrolidine, 2-ethyl-1-methyl-;  $C_2H_5C_4H_7NCH_3$ . ( $\alpha$ -Ethyl-N-methylpyrrolidine).  
NT *Aphis rumicis*. 261.
- 740-1011-1291. Pyrrolidine, 1-ethyl-, hydrochloride;  $C_4H_7NC_2H_5HCl$ . (N-Ethylpyrrolidine hydrochloride).  
ST *Aphis rumicis*. 1151.
- 740-1021. Pyrrole, 1-methyl-;  $C_4H_7NCH_3$ .  
NT California red scale. 268, 1442P.
- 740-1021. Pyrrolidine, 1-methyl-;  $C_4H_8NCH_3$ . (N-Methylpyrrolidine).  
NT *Aphis rumicis*. 261.
- 740-1021. Pyrrolidine, 2-methyl-;  $CH_3C_4H_7NH$ . ( $\alpha$ -Methylpyrrolidine). 1442P.
- 740-1021-1291. Pyrrolidine, 1-methyl-, hydrochloride;  $CH_3C_4H_7NHCl$ . (N-Methylpyrrolidine hydrochloride).  
ST *Aphis rumicis*. 1151.
- 740-1021-1291. Pyrrolidine, 2-methyl-, hydrochloride;  $CH_3C_4H_7NHCl$ . ( $\alpha$ -Methylpyrrolidine hydrochloride).  
ST *Aphis rumicis*. 1151.
- 740-1022. Pyrrolidine, 1,2-dimethyl-;  $(CH_3)_2C_4H_6NH$ . ( $\alpha$ -Methyl-N-methylpyrrolidine).  
NT *Aphis rumicis*. 261.
- 740-1027. Pyrrolidines, alkyl-;  $(C_4H_8N)R$ . 1225P.
- 740-1291. Pyrrolidine hydrochloride;  $C_4H_8NH.HCl$ .  
ST *Aphis rumicis*. 1151.
- 742-791-950-951. 2-Benzimidazolethiol, 1-phenyl-;  $HS(C_2H_4N_2)C_6H_5$ . 2-Mercapto-1-phenylbenzimidazole).  
20% T mosquito larvae. 487.
- 742-950. Benzimidazole;  $C_8H_6N_2$ .  
NT codling moth at 4%, NT greenhouse red spider

- at 1%, and NT corn borer at 4 lbs./100 gal. 1122, 1481.
- 742-950-1021.  
Benzimidazole, 2-methyl-;  $(C_6H_5N_2)CH_3$ .  
NT as mothproofing agent. 239.
- 742-952.  
Imidazole, 4,5-diphenyl-?  $(C_6H_5N_2)(C_6H_5)_2$ . (4,5-Diphenylglyoxalone).  
NT screwworms. 156.
- 742-953.  
Amarine;  $(C_6H_5N_2)(C_6H_5)_3$ . (4,5-Dihydro-2,4,5-triphenylimidazole; triphenyldihydroglyoxaline).  
NT *Tineola bisellella* and *Attagenus piceus*. 739, 1176.
- 742-1022.  
Pyrazole, 3,5-dimethyl-;  $(C_6H_5N_2)(CH_3)_2$ .  
NT *Bombyx mori* larvae. 561.
- 760-950-1113-1350.  
Phenarsazone, 10,10'-oxybis[5,10-dihydro-;  $[NH(C_6H_4)_2As]_2O$ . (Diphenylamino arsenious oxide).  
HT *Malacosoma americana*. 119.
- 770-951-1022.  
Carbonic acid, trithio-, benzyl ester;  $C_6H_5CH_2SC(:S)SH$ . (Benzyl thioxanthic acid).  
91% T codling moth larvae. 1291.
- 770-951-1022-1218.  
Carbonic acid, trithio-, benzyl ester, sodium salt;  $C_6H_5CH_2SC(:S)SNa$ . (Sodium salt of benzylthioxanthic acid).  
60% T mosquito larvae. 487.
- 770-952-1012.  
Disulphide, bis(benzylmercaptiothionformyl)-;  $[C_6H_5CH(SH)C(:S)S]_2$ .  
NT mosquito larvae. 487.
- 770-952-1023.  
Carbonic acid, trithio-, dibenzyl ester;  $C_6H_5CH_2SC(:S)SCH_2C_6H_5$ . (Benzyl ester of benzylthioxanthic acid).  
86% T codling moth larvae. 1291.
- 770-1023.  
Carbonic acid, trithio-, dimethyl ester;  $CH_3SC(:S)-SCH_3$ . (Dimethyl-trithiocarbonate).  
20% T rice weevil. 1178, 1180.
- 770-1027-1033.  
Carbonic acid, trithio-, alkene esters, CU;  $RSC(:S)SR$ . (Alkene trithiocarbonates). 56P.
- 781-783-975-1027-1030.  
Sulphides, alkylenearyl-, CU.  
Unsaturated organic sulphides and polysulphides possessing an olefinic linkage between two carbon atoms in an alkylene chain linked to a cyclic nucleus and the sulphur element.  
T flies. 1489P.
- 781-851-951-1022.  
Sulphide, 4-( $\alpha$ -chlorotolyl) methyl;  $CH_3SC_6H_4CH_2Cl$ . (1-Methylthio-4-chloro-methyl-benzene).  
T aphids, plant lice on cucumbers at 0.5% and T plant lice on garden roses at 0.125%. 1380P.
- 781-924-1021.  
Sulphide, 2-naphthyl methyl-;  $CH_3SC_{10}H_7$ . (Thio-2-naphthylmethyl ether).  
97% T *Culex quinquefasciatus* larvae and T *Cochliomyia americana* C. and P. at m.l.c. at 0.17%. 157, 944.
- 781-951-1011-1021.  
Sulphide, ethyl *p*-tolyl-;  $C_2H_5SC_6H_4CH_3$ .  
42-98% T *Lucilia sericata* larvae. 723.
- 781-951-1011-1021.  
Sulphide, benzyl ethyl;  $C_6H_5SCH_2C_2H_5$ .  
95-100% T *Lucilia sericata* larvae. 723.
- 781-952.  
Phenyl sulphide;  $C_6H_5SC_6H_5$ . (Diphenyl sulphide; dibenzothiophene).  
HT greenhouse red spider; T mosquito larvae. 172, 488, 1481.
- 781-952-1003.  
Acetone diphenyl mercaptale;  $(CH_3)_2C(SC_6H_5)_2$ .  
NT *Sitophilus oryza*, *Sitophilus granarius*, and *Tribolium confusum*, and *Plodia* larvae. 1042, 1178.
- 781-952-1011.  
Ethane, 1,2-bis(phenylthio)-;  $C_6H_5SCH_2CH_2SC_6H_5$ . (Ethylene glycol, dithio-bisphenyl ether).  
18% T *Culex* mosquito larvae. 172, 1178.
- 781-952-1022.  
o-Tolyl sulphide;  $(CH_3C_6H_4)_2S$ . (2,2'-Dimethyl diphenyl sulphide).  
MT greenhouse red spider at 2%; NT codling moth at 4%. 1481.
- 781-952-1022.  
*p*-Tolyl sulphide;  $(CH_3C_6H_4)_2S$ .  
71-100% T *Lucilia sericata* larvae. 723.
- 781-952-1022.  
Sulphide, benzyl tolyl-, CU;  $CH_3C_6H_4SCH_2C_6H_5$ .  
T bird lice and dog fleas. 324P, 381P, 386P, 388P, 1178.
- 781-952-1022.  
Benzyl sulphide;  $(C_6H_5CH_2)_2S$ . (Dibenzyl sulphide).  
T screwworms at 0.33-0.67%. 156.
- 781-1000.  
Amyl sulphide;  $(C_5H_{11})_2S$ .  
60% T *Lucilia sericata* larvae. 723.
- 781-1001-1011.  
Sulphide, butyl ethyl-;  $C_4H_9SC_2H_5$ . (Ethyl *n*-butyl sulphide).  
55% T *Lucilia sericata* larvae. 723.
- 781-1002.  
Butyl sulphide;  $(C_4H_9)_2S$ . (Dibutyl sulphide; butylthiobutane).  
T cockroaches and 62% T *Lucilia sericata*; NT *Chrysomphalus aurantii*. 268, 723, 900P, 1178, 1276.
- 781-1002.  
Isobutyl sulphide;  $[(CH_3)_2CHCH_2]_2S$ . (Diisobutyl sulphide; 2-methyl-1-1-( $\beta$ -methylpropylthiopropene).  
T *Sitophilus oryza* at 334 mg./l.; NT *Chrysomphalus aurantii*. 268, 1178, 1180.
- 781-1002-1033.  
Sulphide, bis(2-methylpropenyl)-;  $[CH_2:C(CH_3)CH_2]_2S$ . (Methallyl sulphide).  
T flies. 1489 P.
- 781-1003-1011.  
Sulphide, ethyl propyl;  $C_2H_5SC_2H_5$ . 324P, 1178.
- 781-1003-1012.  
Acetone diethyl mercaptale;  $(CH_3)_2C(SC_2H_5)_2$ . (Mercaptol).  
NT *Sitophilus oryza*. 1178, 1180.
- 781-1004.  
Propyl sulphide;  $(C_3H_7)_2S$ . (1-Propylthiopropene; di-*n*-propyl sulphide).  
T *Sitophilus oryza*; NT California red scale. 268, 1178, 1180.
- 781-1004-1033.  
Allyl sulphide;  $(CH_2CHCH_3)_2S$ . (3-(2-Propenylthio) propene; thioallyl ether; diallyl sulphide; allyl thioether; 2-propenyl sulphide).  
60% T *Sitophilus oryza*; NT *Chrysomphalus aurantii*. 268, 1178, 1180.
- 781-1011-1021.  
Sulphide, ethyl methyl;  $CH_3SC_2H_5$ . (Methyl thioethane).  
47-91% T *Lucilia sericata* larvae. 723.
- 781-1012.  
Ethyl sulphide;  $(C_2H_5)_2S$ . (Ethyl thioethane; diethyl sulphide).  
T *Sitophilus oryza* m.l.c. is 419 mg./l. and T *Lucilia cuprina* larvae; NT *Chrysomphalus aurantii*. 268, 849, 1178, 1180.
- 781-1022.  
Methyl sulphide;  $(CH_3)_2S$ . (Methylthiomethane; dimethyl sulphide).  
100% T *Tribolium confusum* and T *Sitophilus oryza*; MT *Chrysomphalus aurantii*. 268, 1042, 1178, 1180.
- 781-1027-1030.  
Sulphides, alkylene. 392P, 1432.
- 781-1045.  
Sulphide derivatives. 112, 748P, 1139P, 1389P, 1432.
- 782-952.  
Phenyl disulphide;  $C_6H_5SSC_6H_5$ . (Diphenyl disulphide; phenyldithiobenzene; diphenyl disulphide).  
60-100% T *Lucilia sericata* and 60% T *Culex* mosquito larvae at 1-10,000, and T *Puccinia graminis*; ST codling moth larvae. 156, 172, 723, 1178, 1291.
- 782-952-1022.  
Benzyl disulphide;  $C_6H_5CH_2SSCH_2C_6H_5$ . (Dibenzyl disulphide;  $\alpha$ -(benzylthio) toluene).  
22-49% T *Lucilia sericata* larvae; NT mosquito larvae. 172, 723, 1178.



- 782-952-1022.  
p-Tolyl disulfide;  $\text{CH}_3\text{C}_6\text{H}_4\text{SSC}_6\text{H}_4\text{CH}_3$ .  
93-100% T *Lucilia sericata* larvae. 723.
- 782-1000.  
Amyl disulphide;  $\text{C}_5\text{H}_{11}\text{SSC}_5\text{H}_{11}$ .  
NT *Chrysomphalus aurantii*. 268, 1178.
- 782-1002.  
Butyl disulfide;  $\text{C}_4\text{H}_9\text{SSC}_4\text{H}_9$ . (1-Butyldithiobutane).  
80-100% T *Lucilia sericata* larvae. 723.
- 782-1002-1033.  
Disulfide, bis(2-methylpropenyl)-;  $[\text{CH}_2:\text{C}(\text{CH}_3)\text{CH}_2-\text{S}]_2$ . (Methallyl disulfide).  
T flies. 1489P.
- 782-1012.  
Ethyl disulphide;  $\text{C}_2\text{H}_5\text{SSC}_2\text{H}_5$ . (Ethylidithioethane; diethyl disulfide).  
100% T *Sitophilus oryza* and T *Lucilia cuprina* larvae. 268, 849, 1178, 1180.
- 782-1012-1413?  
Disulphide, bis(diethylthionaphosphono)-;  $(\text{C}_2\text{H}_5)_2\text{SPO}_2\text{HSSHP}_2\text{O}_2\text{S}(\text{C}_2\text{H}_5)_2$ .  
25% T mosquito larvae. 487.
- 782-1021.  
Carbon disulfide—see 1128-1392.
- 782-1022.  
Methyl disulphide;  $\text{CH}_3\text{SSCH}_3$ . (Methyldithiomethane; dimethyl disulfide).  
100% T *Sitophilus oryza*; NT *Chrysomphalus aurantii*. 268, 1178, 1180.
- 782-1027.  
Disulfides. 187, 1135P, 1178, 1432.
- 791-841-951.  
Benzeneethiol, p-bromo-;  $\text{BrC}_6\text{H}_4\text{SH}$ . (p-Bromothiophenol).  
T mosquito larvae. 172.
- 791-841-1011.  
Ethaneethiol, 2-bromo-;  $\text{BrCH}_2\text{CH}_2\text{SH}$ . (Ethylene thiobromhydrin). 241P.
- 791-851-1011.  
Ethaneethiol, 2-chloro-;  $\text{ClCH}_2\text{CH}_2\text{SH}$ . 53P.
- 791-881-1027-1030.  
Alkeneethiol, halogen substituted. (Alkene halogen thiol containing from 2 to 6 carbon atoms). 241P.
- 791-924.  
2-Naphthaleneethiol;  $\text{C}_{10}\text{H}_7\text{SH}$ . (2-Naphthylmercaptan; thio- $\beta$ -naphthol).  
HT *Aphis rumicis* and mosquito larvae; 72% T codling moth larvae; NT *Bombyx mori* larvae. 172, 559, 1001, 1153, 1178, 1291, 1432.
- 791-951.  
Benzeneethiol;  $\text{C}_6\text{H}_5\text{SH}$ . (Phenyl mercaptan; thiophenol).  
T *Leptinotarsa decemlineata* and *Lucilia sericata*; T *Hippodamia convergens*; NT *Chrysomphalus aurantii*. 156, 268, 723, 1009, 1110, 1178.
- 791-951-1021.  
m-Tolueneethiol;  $\text{CH}_3\text{C}_6\text{H}_4\text{SH}$ . (m-Thiocresol; m-tolyl mercaptan).  
53-100% T *Lucilia sericata* larvae. 723.
- 791-951-1021.  
o-Tolueneethiol;  $\text{CH}_3\text{C}_6\text{H}_4\text{SH}$ . (o-Thiocresol; o-tolyl mercaptan).  
95-100% T *Lucilia sericata* larvae; ST *Chrysomphalus aurantii*. 156, 268, 723, 1178.
- 791-951-1021.  
p-Tolueneethiol;  $\text{CH}_3\text{C}_6\text{H}_4\text{SH}$ . (p-Tolyl mercaptan; p-thiocresol; thiocresol).  
100% T culicine mosquito larvae; NT Colorado potato beetle and Japanese beetle. 156, 172, 606, 723, 1178, 1432.
- 791-951-1021.  
Tolueneethiol, CU;  $\text{CH}_3\text{C}_6\text{H}_4\text{SH}$ . (Tolyl mercaptan; thiocresol, unspecified).  
Used to increase floatability on water of Paris green for killing *Anopheles* larvae. 1027, 1178.
- 791-951-1021.  
 $\alpha$ -Tolueneethiol;  $\text{C}_6\text{H}_5\text{CH}_2\text{SH}$ . (Benzyl mercaptan; thiobenzyl alcohol; benzyl hydrosulfide).  
76-100% T *Lucilia sericata* larvae. 723.
- 791-989.  
1-Dodecaneethiol;  $\text{C}_{12}\text{H}_{25}\text{SH}$ . (Lauryl mercaptan). 583P, 1432.
- 791-999.  
1-Butaneethiol, 3-methyl-;  $(\text{CH}_3)_2\text{CH}(\text{CH}_2)_2\text{SH}$ . (Isoamyl mercaptan).  
T *Sitophilus oryza*; NT *Chrysomphalus aurantii*. 268, 1178, 1180.
- 791-1001.  
1-Butaneethiol;  $\text{C}_4\text{H}_9\text{SH}$ . (n-Butyl mercaptan).  
HT *Sitophilus oryza*, *Tribolium confusum*, *Sitophilus granarius*, and larvae of *Plodia interpunctella*; MT *Musca domestica*, *Lucilia* spp., and *Phormia regina*; ST *Chrysomphalus aurantii* and wireworms. 250, 268, 819, 846, 1042, 1178, 1180.
- 791-1001.  
1-Propaneethiol, 2-methyl-;  $(\text{CH}_3)_2\text{CHCH}_2\text{SH}$ . (Isobutyl mercaptan).  
T wireworms and *Chrysomphalus aurantii*; ST Colorado potato beetle and Mexican bean beetle. 268, 606, 846, 1432.
- 791-1003.  
1-Propaneethiol;  $\text{C}_3\text{H}_7\text{SH}$ . (n-Propyl mercaptan).  
T *Sitophilus oryza*; ST *Lucilia sericata* larvae; NT *Chrysomphalus aurantii*. 268, 723, 1178, 1180, 1229.
- 791-1003.  
2-Propaneethiol;  $(\text{CH}_3)_2\text{CHSH}$ . (Isopropyl mercaptan).  
T *Sitophilus oryza*; NT *Chrysomphalus aurantii*. 268, 1178, 1180.
- 791-1011.  
Ethaneethiol;  $\text{C}_2\text{H}_5\text{SH}$ . (Ethyl mercaptan).  
T *Sitophilus oryza*, *S. granarius*, *Tribolium confusum*, and *Plodia interpunctella*; NT *Tetranychus telarius*, adult white flies, *Leptinotarsa decemlineata*, and *Chrysomphalus aurantii*. 268, 819, 1001, 1009, 1042, 1178, 1180, 1340.
- 791-1021.  
Methaneethiol;  $\text{CH}_3\text{SH}$ . (Methyl mercaptan).  
NT *Bombyx mori* and Japanese beetle, 496, 559, 1432.
- 791-1045.  
Mercaptans. 866.
- 796-820-950.  
10-Thioxanthenthione;  $\text{S}:(\text{C}_9\text{H}_6\text{S})$ . (Thioxanthione).  
ST greenhouse red spider at 2%; NT southern army worm at 4%. 1481.
- Carbon disulfide—see 1128-1392.
- 801-821-852-950-1022-1389.  
Thianthreneonium methyl sulfate, 2,7-dichloro-5-methyl-;  $\text{CH}_3(\text{Cl}_2\text{H}_3\text{S}_2)\text{C}_6\text{H}_4\text{SO}_3\text{CH}_3$ . (2,7-Dichloro-5-methylthianthrene sulfonium methoxysulfate). 526P.
- 801-821-950-951-1291.  
Thianthreneonium chloride, 5-phenyl-;  $\text{Cl}(\text{C}_{12}\text{H}_9\text{S}_2)\text{C}_6\text{H}_5$ . (5-Phenylthianthrene sulfonium chloride). 526P.
- 801-821-950-1024-1389.  
Thianthreneonium methyl sulfate, 2,6-dimethyl- $(\text{C}_{12}\text{H}_9\text{S}_2)(\text{CH}_3)_2\text{SO}_3\text{CH}_3$ . (2,6-Dimethyl-5-methylthianthrene sulfonium methoxysulfate). 526P.
- 801-951-1003-1023-1030-1389.  
Sulfonium methyl sulfate, allylbenzylmethyl-;  $\text{CH}_2= \text{CHCH}_2\text{S}(\text{CH}_3)(\text{CH}_2\text{C}_6\text{H}_5)\text{SO}_3\text{CH}_3$ . (Methylallylbenzyl sulfonium methoxysulfate). 526P.
- 801-953-1023-1291.  
Sulfonium chloride, tribenzyl-;  $(\text{C}_6\text{H}_5\text{CH}_2)_3\text{SCl}$ . 526P.
- 801-953-1291.  
Sulfonium chloride, triphenyl-;  $(\text{C}_6\text{H}_5)_3\text{SCl}$ . 526P.
- 801-985-999-1022-1389.  
Sulfonium methyl sulfate, amylhexadecylmethyl-;  $\text{C}_{16}\text{H}_{33}(\text{CH}_3)(\text{C}_5\text{H}_{11})\text{SCH}_3\text{SO}_3$ . (Hexadecylamylmethyl-sulfonium methoxysulfate). 526P.
- 820-950.  
Thioxanthene;  $\text{C}_{12}\text{H}_8\text{S}$ .  
78% T codling moth larvae and T mosquito larvae. 487, 1201.
- 821-950.  
Thianthrene;  $\text{C}_{12}\text{H}_8\text{S}_2$ . (Dibenzo-p-dithiin; diphenylene disulfide).  
HT greenhouse red spider; 59% T codling moth larvae; ST as mothproofing agent; NT southern army worm, corn borer, and silkworm. 239, 487, 559, 1120, 1291, 1432, 1481.
- 821-950.  
Dibenzo [c,e]-o-dithiin;  $\text{C}_{12}\text{H}_8\text{S}_2$ .  
20% T mosquito larvae. 487.
- 821-950-1022.  
Thianthrene, 3,7-dimethyl-;  $(\text{C}_{12}\text{H}_8\text{S}_2)(\text{CH}_3)_2$ .  
NT culicine mosquito larvae and corn borer. 172, 1120, 1178.



- T houseflies; NT screwworms and red scale. 156, 268, 1002.
- 841-951-1021. Toluene,  $\alpha$ -bromo-;  $C_6H_5CH_2Br$ . (Benzyl bromide). NT red scale. 268.
- 841-951-1022. *p*-Xylene,  $\alpha$ -bromo-;  $CH_3C_6H_4CH_2Br$ . (Xylin bromide). NT *Hippodamia convergens*. 1110.
- 841-951-1022. Xylene, bromo-, CU;  $BrC_6H_4(CH_3)_2$ . T *Musca domestica*. 1002.
- 841-952. Biphenyl, 2-bromo-;  $C_6H_5C_6H_4Br$ . ( $\alpha$ -Bromobiphenyl). 91% T codling moth larvae; ST red scale. 268, 1291.
- 841-952. Biphenyl, 4-bromo-;  $C_6H_5C_6H_4Br$ . (*p*-Bromobiphenyl). HT screwworms; m.l.c. of 0.05-0.08%; 51% T mosquito larvae. 156, 487, 1291.
- 841-961. Cyclohexane, bromo-;  $C_6H_{11}Br$ . (Cyclohexyl bromide). NT houseflies and red scale. 268, 579.
- 841-989. Dodecane, 1-bromo-;  $C_{12}H_{25}Br$ . (Lauryl bromide; dodecyl bromide). 107P, 112, 593P.
- 841-993. Octane, 2-bromo-;  $CH_3CHBr(CH_2)_5CH_3$ . (1-*sec*-Octyl bromide). NT red scale. 268.
- 841-999. Pentane, 1-bromo-;  $C_5H_{11}Br$ . (*n*-Amyl bromide). NT red scale. 268.
- 841-999. Butane, 1-bromo-3-methyl-;  $(CH_3)_2CHCH_2CH_2Br$ . (Isobutyl bromide). 100% T rice weevil; ST red scale. 268, 1180.
- 841-1001. Butane, 1-bromo-;  $C_4H_9Br$ . (*n*-Butyl bromide). 100% T rice weevil; ST red scale. 268, 1180.
- 841-1001. Propane, 1-bromo-2-methyl-;  $(CH_3)_2CHCH_2Br$ . (Isobutyl bromide). 100% T rice weevil; ST red scale. 268, 1180.
- 841-1001. Butane, 2-bromo-;  $CH_3CHBrCH_2CH_3$ . (*sec*-Butyl bromide; methylthylbromomethane). 100% T rice weevil; ST red scale. 268, 1180.
- 841-1001. Propane, 2-bromo-2-methyl-;  $(CH_3)_3CBr$ . (*tert*-Butyl bromide; trimethylbromomethane). 100% T rice weevil; ST red scale and wireworms. 268, 846, 1180.
- 841-1001-1030. 2-Butene, 1-bromo-;  $CH_3BrCH=CHCH_3$ .  $\alpha$ -Butylene bromide). ST *Sitophilus oryzae*. 1180.
- 841-1001-1030. 2-Butene, 2-bromo-;  $CH_3CBr=CHCH_3$ . ( $\beta$ -Butylene bromide). ST *Sitophilus oryzae*. 1180.
- 841-1001-1030. Propene, 1-bromo-2-methyl-;  $(CH_3)_2C=CHBr$ . (Isobutylene bromide). T *Sitophilus oryzae*. 1180.
- 841-1001-1030. Propene, 3-bromo-2-methyl-;  $CH_3C(CH_3)=CHBr$ . (Methyl allyl bromide). 95% T *Tribolium confusum*. 1155.
- 841-1003. Propane, 1-bromo-;  $C_3H_7Br$ . (*n*-Propyl bromide). 100% T rice weevil; NT red scale. 268, 1180.
- 841-1003. Propane, 2-bromo-;  $(CH_3)_2CHBr$ . (Isopropyl bromide). 100% T rice weevil; NT red scale. 268, 1180.
- 841-1003-1030. Propene, 3-bromo-;  $CH_2=CHCH_2Br$ . (Allyl bromide). 100% T rice weevil; ST houseflies, red scale, and wireworms. 268, 579, 846, 1180.
- 841-1011. Ethane, bromo-;  $C_2H_5Br$ . (Ethyl bromide). 100% T rice weevil; ST red scale and codling moth. 268, 555, 1180.
- 841-1021. Methane, bromo-;  $CH_3Br$ . (Methyl bromide). T *Attacus piceus* and many other insects; ST *Plodia interpunctella* and red scale; NT houseflies. 13, 268, 568, 579, 858, 1143, 1155.
- 842-924. Naphthalene, dibromo-, CU;  $C_{10}H_6Br_2$ . T codling moth; ST Japanese beetle. 494, 915.
- 842-951. Benzene, *m*-dibromo-;  $C_6H_4Br_2$ . (1,3-Dibromobenzene). T codling moth larvae. 1292.
- 842-951. Benzene, *o*-dibromo-;  $C_6H_4Br_2$ . (1,2-Dibromobenzene). NT codling moth larvae. 1292.
- 842-951. Benzene, *p*-dibromo-;  $C_6H_4Br_2$ . ST codling moth larvae. 156, 930, 1002, 1292.
- 842-951-1011. Ethane, 1,1-dibromo-1-phenyl-;  $C_6H_5CBr_2CH_3$ . ( $\alpha$ -Dibromoethylbenzene). 1235P.
- 842-951-1011. Ethane, 1,2-dibromo-1-phenyl-;  $C_6H_5CHBrCH_2Br$ . ( $\alpha,\beta$ -Dibromoethylbenzene; styrene dibromide). T southern beet webworm, Hawaiian beet webworm, termites, cabbage aphid, greenhouse leaf tier, diamondback moth, cross striped cabbage worm, southern army worm, banded cucumber beetle, and houseflies; NT as mothproofing agent. 239, 579, 1312.
- 842-952. Biphenyl, 4,4'-dibromo-;  $BrC_6H_4C_6H_4Br$ . T codling moth; NT mosquito larvae and screwworms. 156, 487, 1291.
- 842-999. Pentane, 1,5-dibromo-;  $Br(CH_2)_5Br$ . (Pentamethylene bromide). ST codling moth. 915.
- 842-1001. Butane, 1,2-dibromo-;  $CH_3CH_2CHBrCH_2Br$ . ( $\alpha$ -Butylene bromide). 80% T rice weevil. 1180.
- 842-1001. Propane, 1,2-dibromo-2-methyl-;  $CH_3CBr(CH_3)CH_2Br$ . (Isobutylene bromide). 100% T rice weevil. 1180.
- 842-1003. Propane, 1,2-dibromo-;  $CH_3CHBrCH_2Br$ . (Propylene bromide; propylene dibromide). 100% T rice weevil; NT *Chrysomphalus aurantii*. 268, 1180.
- 842-1003. Propane, 1,3-dibromo-;  $BrCH_2CH_2CH_2Br$ . (Trimethylene bromide; trimethylene dibromide). 65% T houseflies and T *Leptinotarsa decemlineata*. 579, 1009.
- 842-1011. Ethane, 1,1-dibromo-;  $CH_3CBr_2$ . (Ethylidene bromide; ethylidene dibromide). 100% T rice weevil; ST red scale. 268, 1180.
- 842-1011. Ethane, 1,2-dibromo-;  $CH_3BrCH_2Br$ . (Ethylene bromide; ethylene dibromide). T rice weevil, clothes moth, and 55% T houseflies; ST red scale. 268, 421P, 579, 633P, 1175, 1180.
- 842-1011-1030. Ethylene, 1,2-dibromo-;  $BrCH=CHBr$ . ( $\alpha,\beta$ -Dibromoethylene; *syn*-dibromoethylene; acetylene dibromide). T *Lucia cuprina* larvae and 5% T houseflies; NT *Chrysomphalus aurantii*. 579, 849, 1180.
- 842-1021. Methane, dibromo-;  $CH_2Br_2$ . (Methylene bromide). 100% T rice weevil; ST red scale. 268, 1180.
- 843-953-1111. Stibine, tri(bromophenyl)-, CU;  $(BrC_6H_4)_3Sb$ . T as mothproofing agent. 403P, 639P, 641P, 1175, 1176.
- 843-1001. Butane, 1,2,3-tribromo-;  $CH_3CHBrCHBrCH_2Br$ . HT houseflies; NT rice weevil. 579, 1180.

- 843-1011.  
Ethane, 1,1,2-tribromo-;  $\text{CH}_2\text{BrCHBr}_2$ . (Vinyl tribromide).  
100% T houseflies. 579.
- 843-1021.  
Bromoform;  $\text{CHBr}_3$ . (Tribromomethane).  
100% T rice weevil, T houseflies, and *Chrysomphalus aurantii*. 268, 579, 1180.
- 844-999.  
Methane, tetrakis(bromomethyl)-;  $\text{C}(\text{CH}_2\text{Br})_4$ . (Pentaerythrityl bromide).  
T southern beet webworm, Hawaiian beet webworm, melon worm, termites, cabbage looper, southern army worm, cross striped cabbage worm, and as mothproofing agent. 27, 239, 1206, 1312.
- 844-1011.  
Ethane, 1,1,2,2-tetrabromo-;  $\text{CHBr}_2\text{CHBr}_2$ . (sym-Tetrabromoethane; acetylene tetrabromide).  
T *Lucilia cuprina* larvae and 95% T houseflies; ST screwworms; NT *Sitophilus oryzae*. 156, 579, 849, 1180.
- 844-1021.  
Carbon tetrabromide;  $\text{CBr}_4$ . (Tetrabromomethane).  
T grain weevils. 810P, 1180.
- 851-861-951.  
Benzene, 1-chloro-2-fluoro-;  $\text{ClC}_6\text{H}_4\text{F}$ . (o-Fluorochlorobenzene).  
91% T codling moth larvae; ST red scale. 268, 1291.
- 851-871-951.  
Benzene, 1-chloro-4-iodo-;  $\text{ClC}_6\text{H}_4\text{I}$ . (p-Chloroiodobenzene).  
98% T mosquito larvae at 4-100,000; NT codling moth larvae at 4 lbs./100 gal. 110, 487, 1291.
- 851-910.  
Phenanthrene, chloro-, CU;  $\text{C}_{14}\text{H}_9\text{Cl}$ . (Monochlorophenanthrene).  
ST *Pieris rapae*. 635.
- 851-912.  
Fluorene, 2-chloro-;  $\text{C}_{13}\text{H}_9\text{Cl}$ .  
T rice weevil, melon worm, mosquito larvae, diamondback moth, Colorado potato beetle, American cockroach, European corn borer, and houseflies; MT southern army worm, southern beet webworm, and Hawaiian beet webworm. 579, 1120, 1121, 1312.
- 851-912.  
Fluorene, 9-chloro-;  $\text{C}_{13}\text{H}_9\text{Cl}$ .  
NT *Cochliomyia americana*. 944.
- 851-912.  
Acenaphthene, 3-chloro-;  $\text{C}_{12}\text{H}_9\text{Cl}$ .  
HT *Culex quinquefasciatus*; 25% T houseflies. 157, 579.
- 851-924.  
Naphthalene, 1-chloro-;  $\text{C}_{10}\text{H}_7\text{Cl}$ . (α-Chloronaphthalene).  
100% T *Aphis rumicis*, T screwworms, houseflies, and codling moth. 579, 703, 915, 944, 1376, 1377.
- 851-924.  
Naphthalene, 2-chloro-;  $\text{C}_{10}\text{H}_7\text{Cl}$ . (β-Chloronaphthalene).  
NT codling moth. 915.
- 851-924.  
Naphthalene, chloro-, CU;  $\text{C}_{10}\text{H}_7\text{Cl}$ . (Monochloronaphthalene).  
T clothes moth and T termites at 1-4000; NT codling moth. 704, 842P, 843P, 913P, 930, 1176, 1179.
- 851-951.  
Benzene, chloro-;  $\text{C}_6\text{H}_5\text{Cl}$ . (Phenyl chloride).  
T clothes moth and 30% T houseflies. 2P, 156, 579, 1176, 1376.
- 851-951-1021.  
Toluene, m-chloro-;  $\text{ClC}_6\text{H}_4\text{CH}_3$ . (3-Chloro-1-methylbenzene).  
T screwworms; m.l.c. of 0.67%. 156, 1376.
- 851-951-1021.  
Toluene, o-chloro-;  $\text{ClC}_6\text{H}_4\text{CH}_3$ . (2-Chloro-1-methylbenzene).  
T screwworms; m.l.c. of 0.67%. 156, 1376.
- 851-951-1021.  
Toluene, p-chloro-;  $\text{ClC}_6\text{H}_4\text{CH}_3$ . (4-Chloro-1-methylbenzene).  
NT screwworms at 0.67%. 156, 1376.
- 851-951-1021.  
Toluene, chloro-, CU;  $\text{ClC}_6\text{H}_4\text{CH}_3$ . (Monochlorotoluene).  
NT Agriotes. 1382.
- 851-951-1021.  
Toluene, α-chloro-;  $\text{C}_6\text{H}_5\text{CH}_2\text{Cl}$ . (Benzyl chloride).  
T *Aphis rumicis*, Agriotes, and clothes moths; NT red scale. 268, 413P, 421P, 429P, 633P, 679P, 1152, 1175, 1376, 1382, 1455P.
- 851-951-1022.  
m-Xylene, α-chloro-;  $\text{CH}_3\text{C}_6\text{H}_4\text{CH}_2\text{Cl}$ . (m-Xylene chloride).  
T as mothproofing agent. 413P, 1175.
- 851-951-1022.  
Xylene, chloro-, CU;  $(\text{CH}_3)_2\text{C}_6\text{H}_3\text{Cl}$ . (Monochloroxylene).  
NT Agriotes. 1382.
- 851-951-1113-1325-1350.  
Benzenearsonic acid, chloro-, CU?  $\text{ClC}_6\text{H}_4\text{AsO}(\text{OH})_2$ . (Arsinic acid, chlorophenyl).  
T clothes moths. 639P, 1175.
- 851-952.  
Biphenyl, 2-chloro-;  $\text{C}_6\text{H}_5\text{C}_6\text{H}_4\text{Cl}$ . (o-Chlorodiphenyl).  
T screwworms; m.l.c. of 0.33-0.67%. 156.
- 851-952.  
Biphenyl, 4-chloro-;  $\text{C}_6\text{H}_5\text{C}_6\text{H}_4\text{Cl}$ . (p-Chlorodiphenyl).  
T mosquito larvae and 67% T codling moth larvae. 156, 488, 1291.
- 851-953-1021.  
Methane, chlorotriphenyl-;  $(\text{C}_6\text{H}_5)_3\text{CCl}$ .  
NT silkworms and NT screwworms at 0.67%. 156, 661.
- 851-954-1021-1103-1291.  
Phosphonium chloride, o-chlorobenzyltriphenyl-;  $\text{Cl-C}_6\text{H}_4\text{CH}_2(\text{C}_6\text{H}_5)_3\text{P}^+\text{Cl}^-$ .  
T as mothproofing agent. 394P, 395P, 867P, 871P, 1175, 1176, 1179.
- 851-954-1021-1103-1291.  
Phosphonium chloride, p-chlorobenzyltriphenyl-;  $\text{Cl-C}_6\text{H}_4\text{CH}_2(\text{C}_6\text{H}_5)_3\text{P}^+\text{Cl}^-$ .  
T as mothproofing agent. 394P, 395P, 867P, 871P, 1175, 1176, 1179.
- 851-961.  
Cyclohexane, chloro-;  $\text{C}_6\text{H}_{11}\text{Cl}$ . (Cyclohexylchloride).  
T *Aphis rumicis*; NT screwworms. 156, 1153.
- 851-989.  
Dodecane, 1-chloro-;  $\text{C}_{12}\text{H}_{25}\text{Cl}$ . (n-Dodecylchloride).  
Fly spray. 107P, 112.
- 851-999.  
Pentane, 1-chloro-;  $\text{C}_5\text{H}_{11}\text{Cl}$ . (n-Amyl chloride).  
NT red scale. 268.
- 851-999.  
Butane, 1-chloro-3-methyl-;  $(\text{CH}_3)_2\text{CHCH}_2\text{CH}_2\text{Cl}$ . (Isoamyl chloride).  
100% T rice weevil; ST red scale. 268, 1180.
- 851-999-1030.  
1-Butene, 3-chloro-3-methyl-;  $\text{CH}_2=\text{CHC}(\text{Cl})(\text{CH}_3)-\text{CH}_3$ .  
T *Ephestia*. 58A, 1513P.
- 851-999-1030.  
2-Butene, 1-chloro-2-methyl-;  $\text{ClCH}_2\text{C}(\text{CH}_3)=\text{CH}-\text{CH}_3$ .  
T *Ephestia*. 58A.
- 851-1001.  
Butane, 1-chloro-;  $\text{C}_4\text{H}_9\text{Cl}$ . (n-Butyl chloride).  
100% T rice weevil; ST red scale and houseflies. 268, 579, 1180.
- 851-1001.  
Butane, 2-chloro-;  $\text{C}_4\text{H}_9\text{CH}(\text{CH}_3)\text{Cl}$ . (sec-Butyl chloride; methyl ethylchloromethane).  
ST red scale. 268.
- 851-1001.  
Propane, 1-chloro-2-methyl-;  $\text{ClCH}_2\text{CH}(\text{CH}_3)\text{CH}_3$ . (Isobutyl chloride).  
T *Ephestia*; NT red scale. 58A, 268.
- 851-1001.  
Propane, 2-chloro-2-methyl-;  $(\text{CH}_3)_3\text{CCl}$ . (tert-Butyl chloride; trimethylchloromethane).  
100% T rice weevil; ST red scale and wireworms. 268, 846, 1180.
- 851-1001-1030.  
1-Propene, 3-chloro-2-methyl-;  $\text{CH}_2=\text{C}(\text{CH}_3)\text{CH}_2\text{Cl}$ . (Methylallyl chloride; 1-chloro-2-methyl-2-propene).

- 95% T *Tribolium confusum* and T many species of insects. 57P, 58A, 118, 1144, 1155, 1276, 1513P.  
851-1003.
- Propane, 1-chloro-;  $C_3H_7Cl$ . (n-Propylchloride).  
100% T rice weevil; NT *Chrysomphalus aurantii*.  
268, 1180.
- 851-1003.
- Propane, 2-chloro-;  $CH_3CHClCH_3$ . (Isopropylchloride).  
100% T rice weevil; NT *Chrysomphalus aurantii*.  
268, 1180.
- 851-1003-1030.
- Propane, 3-chloro-;  $CH_3CHCH_2Cl$ . (Allyl chloride).  
NT red scale and wireworms. 268, 846.
- 851-1011.
- Ethane, chloro-;  $C_2H_5Cl$ . (Ethyl chloride).  
T as mothproofing agent. 585P, 1179.
- 851-1011-1030.
- Ethylene, chloro-;  $ClCH:CH_2$ . (Vinylchloride).  
ST red scale. 268.
- 851-1011-1030-1113-1350.
- Ethylene, 1-arsenoso-2-2-chloro-;  $ClCH:CHAsO$ .  
(Chlorovinyl arsenious oxide).  
100% T tent caterpillar at 0.1%. 118.
- 851-1021.
- Methane, chloro-;  $CH_3Cl$ . (Methyl chloride).  
T as mothproofing agent. 585P, 1179.
- 852-910.
- Anthracene, 9,10-dichloro-;  $C_{14}H_8Cl_2$ .  
NT codling moth. 830.
- 852-924.
- Naphthalene, dichloro-, CU;  $C_{10}H_6Cl_2$ .  
T as mothproofing agent. 842P, 1176.
- 852-924.
- Naphthalene, dichlorotetrahydro-, CU;  $C_{10}H_{10}Cl_2$ .  
T mothproofing agent. 413P, 1175.
- 852-951.
- Benzene, m-dichloro-;  $C_6H_4Cl_2$ .  
T clothes moth and ST screwworms at m.l.c. of 0.67%. 2P, 156, 1176.
- 852-951.
- Benzene, o-dichloro-;  $C_6H_4Cl_2$ .  
T screwworms, houseflies, termites, Procladius and Chironomus midges, Lyctus and other powder-post beetles. 2P, 26, 156, 157, 481, 579, 704, 1176, 1376.
- 852-951.
- Benzene, p-dichloro-;  $C_6H_4Cl_2$ .  
HT *Culex quinquefasciatus*; T clothes moth; ST red scale and ST screwworms at 0.67%; NT *Melanocephalus m. mexicanus*. 156, 157, 516, 671, 849, 911, 980, 1150, 1175, 1176, 1230, 1291, 1311, 1376, 1406P.
- 852-951.
- Benzene, dichloro-, CU;  $C_6H_4Cl_2$ .  
T as mothproofing agent. 474P, 1175, 1176, 1298P.
- 852-951-1021.
- Toluene, a,2-dichloro-;  $ClC_6H_4CH_2Cl$ . (Benzyl chloride, o-chloro).  
T as mothproofing agent. 1175, 1455P.
- 852-951-1021.
- Toluene, a-chloro or-chloro-, CU;  $ClC_6H_4CH_2Cl$ .  
T as mothproofing agent. 413P, 1175.
- 852-951-1021.
- Toluene, a,a-dichloro-;  $C_6H_4CHCl_2$ . (Benzal chloride; benzylidene chloride).  
T Agriotes; ST red scale. 156, 268, 579, 1382.
- 852-951-1022.
- Xylene, a,a-dichloro-;  $CH_3C_6H_4CHCl_2$ . (m-Xylylene dichloride).  
T as mothproofing agent. 413P, 1175.
- 852-952.
- Biphenyl, 4,4'-dichloro-;  $ClC_6H_4C_6H_4Cl$ . (4,4'-Dichlorodiphenyl).  
ST screwworms at 0.67%; NT mosquito larvae and codling moth. 156, 457, 930, 1291.
- 852-953-1022-1356.
- Phosphoric acid, di-(m-chlorotolyl) phenyl ester;  $C_6H_4(C_6H_3Cl_2CH_2)_2PO_4$ . (Monophenyl-di-m-chloro-creyl ester of phosphoric acid). 877P.
- 852-954-1021-1193-1291.
- Phosphonium chloride, 3-4-dichlorobenzyltriphenyl-;  $ClC_6H_4CH_2C_6H_4C_6H_5$ .PCl. (3,4-Dichlorobenzyltriphenyl-phosphoniumchlorid).  
T as mothproofing agent. 867P, 1175.
- 852-954-1021-1193-1291.
- Phosphonium chloride, dichlorobenzyl triphenyl-, CU;  $ClC_6H_4CH_2C_6H_4(C_6H_5)_3PCl$ . (Triphenyldichlorobenzylphosphonium chloride).  
T as mothproofing agent. 423P, 431P, 1175, 1360P.
- 852-999.
- Pentane, dichloro-, distillate, CU.  
NT termites at 1-4000. 704.
- 852-999.
- Pentane, dichloro-, residus, CU.  
NT termites at 1-4000. 704.
- 852-999-1030.
- 2-Butene, 1,1-dichloro-2-methyl-;  $Cl_2CHC(CH_3):CHCH_3$ .  
T *Sphestia*, 58A, 1513P.
- 852-1001.
- Butane, 1,1-dichloro-;  $CH_3CH_2CH_2CHCl_2$ . (n-Butylidene chloride).  
HT *Sitophilus oryza*. 259, 1180.
- 852-1001.
- Butene, dichloro-, CU. 940P.
- 852-1003.
- Propane, 1,2-dichloro-;  $CH_3CHClCH_2Cl$ . (Propylene chloride; propylene dichloride).  
100% T rice weevil; NT *Chrysomphalus aurantii*.  
268, 1180.
- 852-1003.
- Propane, 1-3-dichloro-;  $ClCH_2CH_2CH_2Cl$ . (Trimethylene chloride; trimethylene dichloride).  
100% T rice weevil. 259, 1180.
- 852-1003-1030.
- Propane, dichloro-, mixture with dichloropropylene. ("D D Mixture").  
T nematodes and wireworms. 175A, 504, 1276.
- 852-1011.
- Ethane, 1,1-dichloro-;  $CH_3CHCl_2$ . (Ethylidene chloride; ethylidene dichloride).  
100% T rice weevil; ST red scale. 268, 1180.
- 852-1011.
- Ethane, 1,2-dichloro-;  $CH_3CHClCH_2Cl$ . (Ethylene dichloride).  
100% T rice weevil, 95% T *Tribolium*, and T root-knot nematodes; NT houseflies and red scale. 13, 268, 568, 579, 1155, 1180.
- 852-1011-1030.
- Ethylene, 1,2-dichloro-;  $CHCl:CHCl$ . (Dichloroethylene).  
100% T rice weevil; ST red scale and wireworms. 268, 846, 1180.
- 852-1021.
- Methane, dichloro-;  $CH_2Cl_2$ . (Methylene chloride).  
100% T rice weevil and T *Chrysomphalus aurantii*.  
268, 1180.
- 853-924.
- Naphthalene, trichloro-, CU;  $C_{10}H_6Cl_3$ .  
T as mothproofing agent; NT *Pieris rapae*. 635, 842P, 844P, 913P, 1176, 1179.
- 853-951.
- Benzene, 1,2,4-trichloro-,  $C_6H_3Cl_3$ .  
50% T *Aphis rumicis*. 156, 579, 1377.
- 853-951.
- Benzene, trichloro-, CU;  $C_6H_3Cl_3$ .  
T *Aphis rumicis*, termites, Procladius and Chironomus midges, and as mothproofing agent. 2P, 481, 1144, 1152, 1176, 1376, 1382.
- 853-951-1021.
- Toluene, a,2,6-trichloro-;  $Cl_3C_6H_2CH_2Cl$ . (Benzyl chloride, 2,6-dichloro).  
T as mothproofing agent. 413P, 421P, 633P, 1175, 1393P.
- 853-951-1021.
- Toluene, a,a,2-trichloro-;  $ClC_6H_4CHCl_2$ . (Benzal chloride, o-chloro).  
T as mothproofing agent. 417P, 1175.
- 853-951-1021.
- Toluene, a,a,4-trichloro-;  $ClC_6H_4CHCl_2$ . (Benzal chloride, p-chloro).  
T clothes moths. 417P, 1175.
- 853-951-1021.
- Toluene, a,a,a-trichloro-;  $C_6H_2Cl_3$ . (Benzotrichloride).  
ST red scale. 268, 1382.
- 853-953-1356.
- Phosphoric acid, tri-(o-chlorophenyl) ester;  $[ClC_6H_4]_3PO_4$ .  
T clothes moths. 877P.

- 853-953-1356.  
Phosphoric acid, tri-(*p*-chlorophenyl)ester;  
[ClC<sub>6</sub>H<sub>4</sub>]<sub>3</sub>PO<sub>4</sub>.  
T clothes moths. 877P.
- 853-954-1021-1193-1291.  
Phosphonium chloride, 2,4,5-trichlorobenzyltriphenyl-;  
Cl<sub>3</sub>C<sub>6</sub>H<sub>2</sub>CH<sub>2</sub>(C<sub>6</sub>H<sub>5</sub>)<sub>3</sub>PCl<sub>2</sub>. (2,4,5-Trichlorobenzyl tri-  
phenylphosphoniumchlorid).  
T as mothproofing agent. 867P, 1175.
- 853-955-1270.  
Boric acid, tris(2-phenyl-4-chlorophenyl)ester;  
[C<sub>6</sub>H<sub>4</sub>Cl(C<sub>6</sub>H<sub>4</sub>Cl)O]<sub>3</sub>B. (Tri-(2-phenyl-4-chloro-phenyl-  
borate). 1113P.
- 853-1011.  
Ethane, 1,1,2-trichloro-? CH<sub>2</sub>ClCHCl<sub>2</sub>. (Trichloro-  
ethane).  
100% T rice weevil. 1180.
- 853-1011-1030.  
Ethylene, 1,1,2-trichloro-? CHCl<sub>2</sub>CCl<sub>2</sub>. (Ethylene,  
trichloro-).  
HT rice weevil; T red scale, houseflies, and as moth-  
proofing agent. 268, 440P, 579, 1179, 1180.
- 853-1021.  
Chloroform; CHCl<sub>3</sub>. (Trichloromethane).  
T *Tenebrio molitor* and clothes moths. 28, 411P,  
841, 1175, 1399P.
- 854-924.  
Naphthalene, 1,2,3,4-tetrachloro-; C<sub>10</sub>H<sub>6</sub>Cl<sub>4</sub>.  
T codling moth larvae; NT mosquito larvae. 156,  
487, 1291.
- 854-924.  
Naphthalene, tetrachloro-, CU; C<sub>10</sub>H<sub>6</sub>Cl<sub>4</sub>. (Naphtha-  
lene tetrachloride).  
NT clothes moths. 739, 890P, 1176.
- 854-951.  
Benzene, 1,2,4,5-tetrachloro-; C<sub>6</sub>H<sub>2</sub>Cl<sub>4</sub>.  
50% T *Aphis rumicis*; NT codling moth. 156, 930,  
1377.
- 854-951.  
Benzene, tetrachloro-, CU.  
T as mothproofing agent. 2P, 1176.
- 854-951-1021.  
Toluene, α,2,3,4-tetrachloro-; Cl<sub>3</sub>C<sub>6</sub>H<sub>2</sub>CH<sub>2</sub>Cl. (2,3,4-  
Trichlorobenzyl chloride).  
T as mothproofing agent. 413P, 1175.
- 854-951-1021.  
Toluene, α,2,4,5-tetrachloro-; Cl<sub>3</sub>C<sub>6</sub>H<sub>2</sub>CH<sub>2</sub>Cl. (2,4,5-  
Trichlorobenzyl chloride).  
T as mothproofing agent. 413P, 1175.
- 854-951-1021.  
Toluene, α-chloro-*ar*-trichloro-, CU; Cl<sub>3</sub>C<sub>6</sub>H<sub>2</sub>CH<sub>2</sub>Cl.  
(Trichlorobenzylchloride).  
T as mothproofing agent. 1175, 1393P, 1455P.
- 854-951-1021.  
Toluene, α,α,2,6-tetrachloro-; Cl<sub>2</sub>C<sub>6</sub>H<sub>3</sub>CHCl<sub>2</sub>. (Benzal  
chloride, 2,6-dichloro).  
T clothes moths. 417P, 1175.
- 854-1001.  
Butane, 1,2,3,4-tetrachloro-; ClCH<sub>2</sub>CHClCHClCH<sub>2</sub>Cl.  
T houseflies. 1276.
- 854-1011.  
Ethane, 1,1,2,2-tetrachloro-; Cl<sub>2</sub>CHCHCl<sub>2</sub>. (*s*-Tetra-  
chloroethane).  
T whitefly, housefly, root-knot nematodes, and T  
screwworms; NT *Chrysomphalus aurantii*. 156, 268,  
579, 1080A, 1379.
- 854-1011-1030.  
Ethylene, tetrachloro-; Cl<sub>2</sub>C=CCl<sub>2</sub>. (Perchloroethyl-  
ene).  
100% T rice weevil and T clothes moths; NT *Chry-  
sophalus aurantii*. 156, 268, 731P, 1179, 1180.
- 854-1021.  
Carbon tetrachloride; CCl<sub>4</sub>. (Tetrachloromethane).  
HT *Culex quinquefasciatus* and rice weevil; T *Tri-  
bolium* and clothes moths; ST red scale; commonly  
used fumigant. 13, 157, 268, 297P, 440P, 446P,  
1165P, 1179, 1180.
- 855-951-1021.  
Toluene, α-chloro-*ar*-tetrachloro-, CU; Cl<sub>3</sub>C<sub>6</sub>HCH<sub>2</sub>Cl.  
(Toluene, α-pentachloro-; tetrachlorobenzylchloride).  
T as mothproofing agent. 413P, 1175, 1393P.
- 855-952-1011.  
Ethane, 2,2-bis(*p*-chlorophenyl)-1,1,1-trichloro-;  
(ClC<sub>6</sub>H<sub>4</sub>)<sub>2</sub>CHCCl<sub>3</sub>. (D.D.T.; Gesarol; Neocid;  
G.N.B.-A.).  
HT many species of insects.
- 855-1011.  
Ethane, 1,1,1,2,2-pentachloro-; CHCl<sub>3</sub>CCl<sub>2</sub>. (Penta-  
chloroethane).  
100% T rice weevil; T root-knot nematodes. 156,  
568, 579, 1180.
- 856-924.  
Naphthalene, hexachloro-, CU; C<sub>10</sub>H<sub>2</sub>Cl<sub>6</sub>.  
T as mothproofing agent. 842P, 844P, 913P, 1170,  
1179.
- 856-951.  
Benzene, hexachloro-; C<sub>6</sub>Cl<sub>6</sub>. (Perchlorobenzene).  
50% T *Aphis rumicis*; NT screwworms and *Melano-  
plus m. mexicanus*. 156, 1150, 1291, 1377.
- 856-961.  
Benzene, hexachloride; C<sub>6</sub>H<sub>2</sub>Cl<sub>6</sub>.  
NT screwworms at m.l.c. of 0.67%. 156.
- 856-1011.  
Ethane, hexachloro-; Cl<sub>3</sub>CCC<sub>3</sub>Cl<sub>3</sub>. (Carbon hexachlor-  
ide; carbon trichloride; perchloroethane; tetrachloro-  
ethylene dichloride).  
HT *Culex quinquefasciatus* and rice weevil; T as  
mothproofing agent; NT *Attapenus piceus* and  
*Tineola biselliella* (739). 516, 579, 606, 739, 1178,  
1180, 1185, 1291, 1496P.
- 857-924.  
Naphthalene, polychloro-, CU.  
T as mothproofing agent. 913P, 1179.
- 857-952.  
Biphenyl, chloro-, CU.  
20% T houseflies. 579.
- 857-952-1021-1193.  
Phosphonium chloride, phenylbenzyl-, CU? (Chlor-  
inated phenyl benzyl phosphonium compound).  
T *Lucilia cuprina*. 1144.
- 857-953-1021-1389.  
Phenol, 2,4,5-trichlorobenzylidene-2,2'-bis(3,5-dich-  
loro- diacid sulfate; HC(C<sub>6</sub>H<sub>2</sub>Cl<sub>3</sub>)<sub>2</sub>-(C<sub>6</sub>H<sub>3</sub>Cl<sub>2</sub>SO<sub>3</sub>H)<sub>2</sub>.  
(Acid sulfuric acid diester of 2,2'-dihydroxy-3,3',5,5',  
2'',4'',5''-heptachloro-triphenyl methane).  
T as mothproofing agent. 1267P.
- 857-999.  
Pentane, polychloro-, CU.  
NT termites at 1-4000. 704.
- 857-1027.  
Paraffin, chlorinated.  
NT houseflies. 579.
- 861-871-951.  
Benzene, 1-fluoro-4-iodo-; FC<sub>6</sub>H<sub>4</sub>I. (*p*-Fluoroiodo-  
benzene).  
NT codling moth larvae at 4 lbs./100 gal. 110, 1291.
- 861-924.  
Naphthalene, fluoro-, CU? C<sub>10</sub>H<sub>7</sub>F. (Naphthyl fluoride).  
NT *Tineola biselliella* and *Attapenus piceus*. 739,  
1176.
- 861-951.  
Benzene, fluoro-; C<sub>6</sub>H<sub>5</sub>F. (Phenyl fluoride).  
ST red scale; NT houseflies. 268, 579.
- 861-951-1021.  
Toluene, *m*-fluoro-; CH<sub>3</sub>C<sub>6</sub>H<sub>4</sub>F.  
NT red scale. 268.
- 861-951-1021.  
Toluene, *o*-fluoro-; CH<sub>3</sub>C<sub>6</sub>H<sub>4</sub>F.  
T red scale. 268.
- 861-951-1021.  
Toluene, *p*-fluoro-; CH<sub>3</sub>C<sub>6</sub>H<sub>4</sub>F.  
T red scale. 268.
- 861-951-1023.  
Pseudocumene, fluoro-, CU; FC<sub>8</sub>H<sub>7</sub>(CH<sub>3</sub>)<sub>3</sub>? (Fluoro-  
pseudocumol; fluor-pseudo-cumene).  
T as mothproofing agent. 411P, 425P, 1175, 1399P.
- 861-989.  
Dodecane, 1-fluoro-; C<sub>12</sub>H<sub>25</sub>F. (n-Dodecyl fluoride).  
Fly spray. 107P, 112.
- 861-1001.  
Butane, fluoro-, CU; C<sub>4</sub>H<sub>9</sub>F. (Monofluorobutane).  
345P.
- 861-1045.  
Organic compounds, fluoro-, CU. (Fluoro compounds).  
T as mothproofing agent. 411P, 425P, 1175, 1399P.
- 862-952.  
Biphenyl, 4,4'-difluoro-; FC<sub>6</sub>H<sub>4</sub>C<sub>6</sub>H<sub>4</sub>F. (4,4'-Difluoro-  
diphenyl).

- HT codling moth; T as mothproofing agent. 411P, 425P, 1175, 1291, 1399P.
- 862-962-1011.  
Ethane, 1,2-difluoro-1,1-diphenyl-;  $\text{FCH}_2\text{C}(\text{C}_6\text{H}_5)_2\text{F}$ . (*o,p*-Diphenyl-*o,p*-difluoroethylene). 813P.
- 862-1001.  
Butane, difluoro-;  $\text{C}_4\text{H}_8\text{F}_2$ . 345P.
- 863-951-1021.  
Toluene, *o,o,a,a*-trifluoro-;  $\text{C}_6\text{H}_5\text{CF}_3$ . (Benzotrifluoride; *o*-trifluorotoluene, phenyl fluorosulfonate).  
NT houseflies. 579.
- 863-1021.  
Fluoroform;  $\text{CHF}_3$ .  
T clothes moths. 411P, 425P, 1175, 1399P.
- 865-951-1022.  
*o*-Xylene, *o,o,a,a'*-pentafluoro-;  $\text{CF}_2\text{C}_6\text{H}_4\text{CHF}_2$  (*o*-Trifluoromethylbenzal fluoride). 1244P.
- 871-912.  
Fluorene, 2-iodo-;  $\text{C}_{10}\text{H}_7\text{I}$ .  
NT *Cochliomyia americana* larvae. 110, 197P, 944.
- 871-924.  
Naphthalene, 1-iodo-;  $\text{C}_{10}\text{H}_7\text{I}$ . (*o*-Iodonaphthalene).  
95% T houseflies. 579.
- 871-924.  
Naphthalene, 2-iodo-;  $\text{C}_{10}\text{H}_7\text{I}$ . (*o*-Iodonaphthalene).  
T codling moth larvae and T screwworms at m.l.c. of 0.08-0.10%. 110, 156, 929, 930.
- 871-951.  
Benzene, iodo-;  $\text{C}_6\text{H}_5\text{I}$ . (Phenyl iodide).  
T screwworms, houseflies, potato beetle eggs, and clothes lice; NT codling moth larvae at 4 lbs./100 gal. 110, 156, 353P, 570, 1002, 1003, 1009, 1011, 1292, 1382.
- 871-951-1021.  
Toluene, *p*-iodo-;  $\text{CH}_3\text{C}_6\text{H}_4\text{I}$ .  
NT screwworms at m.l.c. of 0.67%. 110, 156.
- 871-952.  
Biphenyl, 2-iodo-;  $\text{C}_6\text{H}_5\text{C}_6\text{H}_4\text{I}$ . (*o*-Iododiphenyl).  
MT screwworms; NT codling moth larvae. 110, 156, 1291.
- 871-952.  
Biphenyl, 4-iodo-;  $\text{C}_6\text{H}_5\text{C}_6\text{H}_4\text{I}$ . (*p*-Iododiphenyl).  
T codling moth larvae, screwworms, and 66% T culicine mosquito larvae at 1-100,000. 110, 156, 487, 1291.
- 871-999.  
Butane, 1-iodo-3-methyl-;  $\text{ICH}_2\text{CH}_2\text{CH}(\text{CH}_3)\text{CH}_3$ . (Isomyl iodide).  
T rice weevil. 110, 946, 1180.
- 871-1001.  
Butane, 1-iodo-;  $\text{C}_4\text{H}_9\text{I}$ . (*n*-Butyl iodide).  
T rice weevil, flour weevil, and granary weevil; NT citricola scale and black scale at 0.05-0.25%. 110, 1042, 1111, 1180.
- 871-1001.  
Propane, 1-iodo-2-methyl-;  $(\text{CH}_3)_2\text{CHCH}_2\text{I}$ . (Isobutyl iodide; *o*-iodoisobutane).  
T rice weevil. 110, 846, 1180.
- 871-1001.  
Butane, 2-iodo-;  $\text{CH}_3\text{CHICH}_2\text{CH}_3$ . (*sec*-Butyl iodide).  
T rice weevil. 110, 846, 1180.
- 871-1001.  
Propane, 2-iodo-2-methyl-;  $(\text{CH}_3)_3\text{CI}$ . (*tert*-Butyl iodide; *o*-iodoisobutane).  
T rice weevil. 110, 579, 1180.
- 871-1003.  
Propane, 1-iodo-;  $\text{C}_3\text{H}_7\text{I}$ . (*n*-Propyl iodide; *o*-iodopropane).  
T rice weevil; NT California red scale. 110, 268, 1180.
- 871-1003.  
Propane, 2-iodo-;  $(\text{CH}_3)_2\text{CHI}$ . (Isopropyl iodide; *o*-iodopropane).  
T rice weevil; NT *Chrysomphalus aurantii*. 110, 268, 1180.
- 871-1003-1030.  
1-Propene, 3-iodo-;  $\text{CH}_2=\text{CHCH}_2\text{I}$ . (Allyl iodide, 3-iodopropylene, and *o*-iodopropylene).  
T rice weevil; NT California red scale. 110, 268, 846, 1180.
- 871-1011.  
Ethane, iodo-;  $\text{C}_2\text{H}_5\text{I}$ . (Ethyl iodide).  
T rice weevil; NT California red scale and sugar beet webworms. 110, 268, 1087, 1180.
- 871-1021.  
Methane, iodo-;  $\text{CH}_3\text{I}$ . (Methyl iodide).  
100% T rice weevil; NT California red scale. 110, 268, 579, 860, 1180.
- 872-951.  
Benzene, *m*-diiodo-;  $\text{C}_6\text{H}_4\text{I}_2$ .  
ST codling moth larvae at 4 lbs./100 gal. 110, 1292.
- 872-951.  
Benzene, *o*-diiodo-;  $\text{C}_6\text{H}_4\text{I}_2$ .  
ST codling moth larvae at 4 lbs./100 gal. 110, 1292.
- 872-951.  
Benzene, *p*-diiodo-;  $\text{C}_6\text{H}_4\text{I}_2$ .  
58% T culicine mosquito larvae at 4-100,000, T screwworms at 0.67%, and 25-40% T codling moth larvae; NT codling moth larvae at 4 lbs./100 gal. (1292). 110, 156, 487, 930, 1292.
- 872-952.  
Biphenyl, 4,4'-diiodo-;  $\text{ICH}_2\text{C}_6\text{H}_4\text{I}$ . (*p,p'*-Diiodobiphenyl).  
T codling moth larvae; NT culicine mosquito larvae and European corn borer. 110, 487, 1120, 1123, 1291.
- 872-1011.  
Ethane, 1,2-diiodo-;  $\text{ICH}_2\text{CH}_2\text{I}$ . (Ethylene iodide). 1351P.
- 872-1021.  
Methane, diiodo-;  $\text{CHI}_2$ . (Methylene iodide).  
T rice weevil and houseflies; NT California red scale. 110, 137P, 138P, 268, 579, 1180.
- 873-1021.  
Iodoform;  $\text{CHI}_3$ . (Triiodomethane).  
T common cockroaches, caterpillars, houseflies, and lice; NT rice weevil, wireworm larvae, and codling moth larvae. 26, 28, 47, 48P, 64, 136P, 137P, 138P, 248, 579, 616, 617, 654, 714, 797, 801, 840, 845, 914, 929, 930, 940, 1005, 1084, 1141P, 1180, 1185, 1339, 1382, 1415, 1500, 1501P.
- 881-924.  
Naphthalene, halo-;  $\text{C}_{10}\text{H}_7\text{X}$ . (Monohalogenated naphthalene). 912P.
- 881-999-1030.  
1-Butene, 3-halo-3-methyl-;  $\text{CH}_2=\text{CHCX}(\text{CH}_3)\text{CH}_3$ .  
A compound having at least one unsaturated bond between the two C atoms and at least 4 C atoms per molecule. 1512P.
- 887-924.  
Naphthalenes, polyhalogenated,  $\text{C}_{10}\text{H}_6\text{X}_2$ .  
T as mothproofing agent. 423P, 1175.
- 887-1045.  
Hydrocarbon, chlorinated.  
T as mothproofing agent. 5P, 1179.
- 890-951.  
Benzene, iodo-, dichloride;  $\text{C}_6\text{H}_5\text{ICl}_2$ . (Phenyliodochloride).  
T many species of insects. 110, 1314P.
902.  
Chrysene;  $\text{C}_{18}\text{H}_{12}$ . (Benzo [a] phenanthrene).  
NT screwworms at 0.67%. 156.
904.  
Fluoranthene;  $\text{C}_{16}\text{H}_{10}$ .  
T cockroaches. 557.
910.  
Anthracene;  $\text{C}_{14}\text{H}_{10}$ .  
81% T codling moth larvae; NT California red scale. 156, 268, 1291.
910.  
Anthracene, 9,10-dihydro-;  $\text{C}_{14}\text{H}_{12}$ .  
NT as mothproofing agent. 239.
910.  
Phenanthrene;  $\text{C}_{17}\text{H}_{14}$ .  
75% T codling moth larvae and T mosquito larvae; NT silkworm and Agriotes. 488, 561, 1291, 1382.
- 910-1003-1021.  
Retene;  $\text{CH}_3(\text{C}_6\text{H}_5)\text{CH}(\text{CH}_3)_2$ . (7-Isopropyl-1-methyl-phenanthrene).  
NT screwworms at m.l.c. of 0.67%. 156.
912.  
Acenaphthene;  $\text{C}_{12}\text{H}_8$ . (Naphthyleneethylene).  
89% T codling moth larvae. 1291.
912.  
Fluorene;  $\text{C}_{19}\text{H}_{16}$ . (Diphenylmethane).  
78% T codling moth and T corn borer; NT *Pieris rapae*. 635, 1120, 1291.
924.  
Naphthalene;  $\text{C}_{10}\text{H}_8$ . (Moth camphor; naphthalin; naphthalin; tar camphor; white tar; camphor balls).

- 100% *T. Aphis rumicis* at 2.5%; *T. Tenebrio molitor* and as mothproofing agent; NT *Melanoplus m. mexicanus*. 1P, 3P, 66, 317P, 327P, 332P, 506P, 574P, 549, 874P, 882P, 834P, 936P, 1101P, 1117A, 1137P, 1150, 1175, 1176, 1179, 1258P, 1261P, 1268, 1376, 1407, 1426P, 1465P, 1479P, 1490P.
924. Naphthalene, dihydro-, CU;  $C_{10}H_{10}$ .  
T codling moth and grain weevils. 810P, 915.
924. Tetralin;  $C_{10}H_{12}$ . (1,2,3,4-Tetrahydronaphthalene; naphthalene, 1,2,3,4-tetrahydride).  
T grain weevils, clothes moths, 50% *T. Aphis rumicis*, and *T.* as mothproofing agent; NT houseflies. 239A, 810P, 1040P, 1176, 1231P, 1276, 1376, 1377, 1426P.
924. Decalin;  $C_{10}H_{18}$ . (Decahydronaphthalene; bicyclo 4,4,0-decane; naphthalane; naphthane).  
100% *T. Aphis rumicis* at 10%; NT houseflies. 1040P, 1276, 1376, 1377.
- 924-952-1356. Phosphoric acid, 1-naphthyl diphenyl ester;  $C_{10}H_7(C_6H_5)_2PO_4$ . (Diphenyl- $\alpha$ -naphthyl ester of phosphoric acid). 877P.
- 924-952-1356. Phosphoric acid, 2-naphthyl diphenyl ester;  $C_{10}H_7(C_6H_5)_2PO_4$ . (Diphenyl- $\beta$ -naphthyl ester of phosphoric acid). 877P.
- 924-1013-1193-1291. Phosphonium chloride, triethylnaphthyl-;  $C_{10}H_7(C_2H_5)_3P^+Cl^-$ .  
T as mothproofing agent. 871P, 1179.
- 924-1013-1193-1333. Phosphonium iodide, triethylnaphthyl-;  $C_{10}H_7(C_2H_5)_3P^+I^-$ .  
T as mothproofing agent. 110, 394P, 395P, 871P, 1175, 1176, 1179.
- 924-1021. Naphthalene, 1-methyl-;  $CH_3C_{10}H_7$ . (Naphthalene,  $\alpha$ -methyl).  
T houseflies. 1276.
- 924-1022. Naphthalene, dimethyl-, CU;  $(CH_3)_2C_{10}H_6$ .  
84% T codling moth larvae. 1291.
- 924-1111. Stibine, tri-1-naphthyl-;  $(C_{10}H_7)_3Sb$ .  
T as mothproofing agent. 463P, 639P, 641P, 1175, 1176.
- 930-1023-1030. Camphene;  $H_2C:(CH_2)_2(CH_3)_2$ , (3,3-Dimethyl-2-methylenenorcamphane).  
T *Lucilia cuprina* larvae. 849.
- 932-1023. Pinene;  $C_{10}H_{16}$ . (4,6,6-Trimethylbicyclo[3,1,1]-3-heptene).  
T oriental peach moth and *Leptinotarsa decemlineata*; NT *Chrysomphalus aurantii*. 268, 508, 1009.
951. Benzene;  $C_6H_6$ . (Benzol; benzole; phene).  
NT red scale. 268, 931.
- 951-961. Cyclohexane, phenyl-;  $C_6H_5C_6H_{11}$ . (Cyclohexylbenzene; 1,2,3,4,5,6-hexahydrobiophenyl).  
ST screwworms at m.l.c. of 0.67%. 156.
- 951-999. Benzene, *tert*-amyl-;  $C_5H_5C(CH_3)_2C_6H_5$ . (2-Methyl-2-phenylbutane).  
NT red scale. 268.
- 951-1001. Benzene, butyl-;  $C_4H_9C_6H_5$ . (1-Pentylbenzene).  
ST screwworms at m.l.c. of 0.67%. 156.
- 951-1001. Benzene, *sec*-butyl-;  $C_4H_9CH(CH_3)C_6H_5$ . (2-Phenylbutane).  
NT screwworms at 0.67%. 156.
- 951-1001. Benzene, *tert*-butyl-;  $C_4H_9C(CH_3)_3$ . (2-Methyl-2-phenylpropane).  
NT screwworms at 0.67%. 156.
- 951-1003. Cumene;  $C_6H_5CH(CH_3)_2$ . (2-Phenolpropane; isopropylbenzene; cumol).  
ST screwworms at 0.67%. 156.
- 951-1003-1021. Cymene;  $CH_3C_6H_4CH(CH_3)_2$ . (*p*-Isopropyltoluene; 4-isopropyl-1-methylbenzene).  
T *Aphis rumicis*, *Tenebrio molitor*, and 94% T codling moth larvae; NT *Agriotes*, attractant for oriental peach moth, and *Bombus mori* larvae. 561, 841, 1094, 1153, 1291.
- 951-1011. Benzene, ethyl-;  $C_2H_5C_6H_5$ . (Phenylethane).  
NT screwworms at 0.67%. 156.
- 951-1013-1021-1193-1291. Phosphonium chloride, benzyltriethyl-;  $C_6H_5CH_2(C_2H_5)_3P^+Cl^-$ .  
T as mothproofing agent. 394P, 395P, 871P, 1175, 1176, 1179.
- 951-1021. Toluene;  $C_6H_5CH_3$ . (Methyl benzene; phenylmethane).  
T clothes moths and attractant for oriental peach moth; ST *Aphis rumicis*; NT wireworms. 156, 1094, 1153, 1175, 1242P, 1396.
- 951-1021-1113-1326-1350.  $\alpha$ -Toluenearsonic acid?  $C_6H_5CH_2AsO(OH)_2$ . (Benzyl arsenic acid).  
MT codling moth. 930.
- 951-1021-1356. Phosphoric acid, diphenyl *m*-tolyl ester;  $CH_3C_6H_4(C_6H_5)_2PO_4$ . (Diphenyl-*m*-cresyl ester of phosphoric acid). 877P.
- 951-1021-1356. Phosphoric acid, diphenyl *o*-tolyl ester;  $CH_3C_6H_4(C_6H_5)_2PO_4$ . (Diphenyl-*o*-cresyl-phosphoric acid ester). 877P.
- 951-1021-1356. Phosphoric acid, diphenyl *p*-tolyl ester;  $CH_3C_6H_4(C_6H_5)_2PO_4$ . (Diphenyl-*p*-cresylester of phosphoric acid). 877P.
- 951-1021-1356. Phosphoric acid, di-*m*-tolyl phenyl ester;  $C_6H_5(CH_3C_6H_4)_2PO_4$ . (Phenyl-di-*m*-cresyl ester of phosphoric acid). 877P.
- 951-1021-1356. *o*-Tolyl phosphate;  $(CH_3C_6H_4)_2PO_4$ . (Tri-*o*-cresyl-phosphate).  
NT *Melanoplus m. mexicanus*. 1150.
- 951-1021-1356. *p*-Tolyl phosphate;  $(CH_3C_6H_4)_2PO_4$ . (Tri-*p*-cresyl-phosphate).  
NT silkworm. 561.
- 951-1021-1356. Tolyl phosphate, CU;  $(CH_3C_6H_4)_2PO_4$ . (Tri-*o*-cresyl phosphate).  
T as mothproofing agent. 32A, 440P, 446P, 877P, 1175, 1179.
- 951-1021-1366. Phosphoric acid diamide, *m*-tolyl ester;  $CH_3C_6H_4-OPO(NH_2)_2$ . 518P.
- 951-1021-1366. Phosphoric acid diamide, *p*-tolyl ester;  $CH_3C_6H_4-OPO(NH_2)_2$ .  
T mites. 518P.
- 951-1021-1412. Trithioarsenious acid, tri-*p*-tolyl ester?  $(CH_3C_6H_4S)_3As$ .  
92% T codling moth larvae and 65% T mosquito larvae. 487, 1291.
- 951-1022. *m*-Xylene;  $C_6H_4(CH_3)_2$ . (*m*-Dimethyl benzene).  
NT screwworms at m.l.c. of 0.67%. 156.
- 951-1022. *o*-Xylene;  $C_6H_4(CH_3)_2$ . (*o*-Dimethyl benzene).  
NT screwworms at m.l.c. of 0.67%. 156.
- 951-1022. *p*-Xylene;  $C_6H_4(CH_3)_2$ . (*p*-Dimethyl benzene).  
NT screwworms at m.l.c. of 0.67%. 156.
- 951-1022. Xylene, CU;  $C_6H_4(CH_3)_2$ .  
T *Aphis rumicis*, *Tenebrio molitor*, and rootknot nematodes. 568, 841, 1004, 1152.
- 951-1023. Pseudocumene;  $C_8H_8(CH_3)_2$ . (1,2,4-Trimethyl benzene).  
T *Tenebrio molitor*; NT red scale and clothes moth. 156, 268, 411P, 425P, 841, 1175, 1382, 1396P.



- 951-1023.  
Mesitylene;  $C_6H_3(CH_3)_3$ . (1,3,5-Trimethyl benzene).  
T *Lucilia cuprina* larvae; NT Agriotes and NT  
screwworms at m.l.c. of 0.67%. 156, 849, 1382.
- 951-1025.  
Benzene, pentamethyl-;  $C_6H(CH_3)_5$ .  
NT *Bombyx mori* larvae. 561.
- 951-1025.  
Benzene, hexamethyl-;  $C_6(CH_3)_6$ .  
NT screwworms at m.l.c. of 0.67%. 156.
- 951-1100-1182-1303.  
Benzene, compound with ammonium nickel cyanide.  
NT *Leptinotarsa decemlineata*. 1008.
- 951-1111-1325-1350.  
Benzenesulfonic acid;  $C_6H_5SO_3(OH)_2$ . (Stibinic acid,  
phenyl).  
T as mothproofing agent. 639P, 1175.
- 951-1111-1350.  
Benzene, stiboso-?  $C_6H_5SbO$ . (Monophenyl stibine ox-  
ide).  
T clothes moth. 639P, 1175.
- 951-1113-1218-1350.  
Benzenearsonic acid, sodium salt?  $C_6H_5AsO_2Na_2$ ?  
(Phenyl arsenic acid, sodium salt).  
T as mothproofing agent. 463P, 1176.
- 951-1113-1325-1350.  
Benzenearsonic acid?  $C_6H_5AsO(OH)_2$ . (Arsinic acid,  
phenyl).  
T clothes moth. 639P, 1175.
- 951-1113-1350.  
Benzene, arsenoso-?  $C_6H_5AsO$ . (Phenyl arsenious ox-  
ide).  
100% T tent caterpillar at 0.1%. 119.
- 951-1119-1276.  
Bismuthine, phenyldibromo-;  $C_6H_5BiBr_2$ ? (Bismuth  
phenyldibromide).  
T as mothproofing agent. 463P, 1176.
- 951-1356.  
Triphenyl phosphate;  $(C_6H_5)_3PO_4$ .  
NT silkworm and screwworm. 156, 561.
- 951-1412.  
Trithioarsenic acid, triphenyl ester;  $(C_6H_5S)_3As$ .  
85% T mosquito larvae and 80% T codling moth  
larvae. 487, 488, 1291.
- 951-1413.  
Phosphoric acid, trithio-, triphenyl ester;  $(C_6H_5S)_3PO$ .  
Triphenylthiophosphate).  
NT *Bombyx mori* larvae. 559, 1432.
- 951-1413.  
Thiophosphoric acid, triphenyl ester;  $(C_6H_5O)_3PS$ ?  
(Triphenyl thiophosphate).  
NT screwworms and *Bombyx mori* larvae. 156, 559,  
1432.
952.  
Biphenyl-;  $C_6H_5C_6H_5$ . (Diphenyl).  
T codling moth larvae, *Melanoplus m. mexicanus*,  
and clothes moth. 331P, 411P, 425P, 1150, 1175,  
1176, 1291, 1399P.
- 952-1001-1389.  
Sulfate, diphenylbutyl-;  $C_6H_5C_4H_9SO_4C_6H_5$ ? Aresket;  
Areskap; Aresklene). 661, 1432.
- 952-1011-1030.  
Stilbene;  $C_6H_5CH=CHC_6H_5$ . (Diphenylethylene; to-  
luylene; bibenzol; bibenzylidine).  
T as mothproofing agent. 331P, 1176.
- 952-1011-1111.  
Stibine, diphenyl ethyl-;  $C_6H_5Sb(C_6H_5)_2$ .  
T as mothproofing agent. 463P, 639P, 641P, 1175,  
1176.
- 952-1021.  
Methane, diphenyl-;  $(C_6H_5)_2CH_2$ . (Benzylbenzene;  
benzylbenzol; phenylmethanphenyl).  
T as mothproofing agent. 331P, 1176.
- 952-1022.  
Etilyl, CU;  $CH_3C_6H_4C_6H_4CH_3$ . (Ditolyl).  
T as mothproofing agent. 331P, 1176.
- 952-1022-1235-1291.  
Tin dichloride, dibenzyl-;  $(C_6H_5CH_2)_2SnCl_2$ .  
T clothes moth. 640P.
- 952-1027.  
Alkanes, diphenyl-;  $C_6H_5(XCX')_nC_6H_5$ . In which X  
and X' represents hydrogen or alkyl groups and n repre-  
sents a whole number. 998P.
- 952-1111-1350.  
Stibene oxide, diphenyl-;  $(C_6H_5)_2HSbO$ .  
T as mothproofing agent. 463P, 1176.
- 952-1113-1350.  
Arsine oxide, diphenyl-;  $(C_6H_5)_2HAsO$ .  
T as mothproofing agent. 639P, 1175.
- 952-1119-1276.  
Bismuthine, bromodiphenyl-;  $(C_6H_5)_2BiBr$ ?  
T as mothproofing agent. 639P, 1175.
- 952-1235-1350.  
Tin oxide, diphenyl-;  $(C_6H_5)_2SnO$ .  
T clothes moth. 640P.
- 952-1270.  
Boric acid, tris(2-biphenyl) ester;  $(C_6H_5C_6H_4O)_3B$ .  
(Tri-(2-phenyl-phenyl) borate). 1113P.
- 952-1356.  
Phosphoric acid, tris (2-biphenyl)-ester;  $(C_6H_5C_6H_4-  
H)_3PO_4$ . (Tri-*o*-phenyl-phenyl phosphate).  
NT *Bombyx mori* larvae. 561.
953.  
Biphenyl, 3-phenyl-;  $(C_6H_5)_3C_6H_4$ . (*m*-Diphenyl-  
benzene; 1,3-diphenylbenzene; *m*-phenylbiphenyl;  
*m*-terphenyl).  
NT screwworms. 156.
953.  
Terphenyl;  $(C_6H_5)_3C_6H_4$ . (*p*-Diphenylbenzene; *p*-  
phenylbiphenyl; triphenyl; diphenylphenylene).  
NT screwworms. 156.
- 953-1003-1030-1193-1291.  
Phosphonium chloride, allyltriphenyl-;  $CH_2=CHCH_2-  
(C_6H_5)_3P^+Cl^-$ .  
T as mothproofing agent. 394P, 395P, 871P, 1175,  
1176, 1179.
- 953-1011-1023-1193-1333.  
Phosphonium iodide, ethyltritolyl-;  $C_2H_5(CH_2C_6H_4)_3-  
I^+$ .  
T as mothproofing agent. 110, 394P, 395P, 871P,  
1175, 1176, 1179.
- 953-1011-1025-1193-1333.  
Phosphonium iodide, ethyltrixyl-;  $C_2H_5[(CH_2)_2C_6H_4-  
H_3]^+I^-$ .  
T as mothproofing agent. 110, 394P, 395P, 871P,  
1175, 1176, 1179.
- 953-1011-1193-1276.  
Phosphonium bromide, ethyltriphenyl-;  $C_2H_5(C_6H_5)_3-  
P^+Br^-$ .  
T as mothproofing agent. 394P, 395P, 887P, 871P,  
1175, 1176, 1179.
- 953-1011-1193-1333.  
Phosphonium iodide, ethyltriphenyl-;  $C_2H_5(C_6H_5)_3-  
I^+$ .  
NT Mexican bean beetle. 110, 608.
- 953-1021.  
Methane, triphenyl-;  $(C_6H_5)_3CH$ .  
T clothes moth; NT screwworms, silkworms, and  
*Melanoplus m. mexicanus*. 156, 561, 1175, 1467P.
- 953-1021-1193-1291.  
Phosphonium chloride, methyltriphenyl-;  $CH_3(C_6H_5-  
H_3)^+Cl^-$ .  
MT Mexican bean beetle. 606.
- 953-1021-1193-1333.  
Phosphonium iodide, methyltriphenyl-;  $CH_3(C_6H_5)_3-  
I^+$ .  
MT Mexican bean beetle and T moths. 110, 394P,  
395P, 606, 887P, 871P, 1175, 1176, 1179.
- 953-1023-1111.  
Stibine, tribenzyl-;  $(C_6H_5CH_2)_3Sb$ .  
T as mothproofing agent. 639P, 1175.
- 953-1023-1111.  
Stibine tri-*o*-tolyl-;  $(CH_3C_6H_4)_3Sb$ .  
T as mothproofing agent. 463P, 639P, 641P, 1175,  
1176.
- 953-1023-1111.  
Stibine, tri-*p*-tolyl-;  $(CH_3C_6H_4)_3Sb$ .  
T as mothproofing agent. 463P, 639P, 641P, 1175,  
1176.
- 953-1023-1113.  
Arsine, tribenzyl-;  $(C_6H_5CH_2)_3As$ .  
T as mothproofing agent. 463P, 639P, 641P, 1175,  
1176.
- 953-1023-1119.  
Bismuthine, tri-*p*-tolyl-;  $(CH_3C_6H_4)_3Bi$ . (*p*-Bismuth  
tritolyl; bismuth tri-*p*-tolyl).  
T as mothproofing agent. 463P, 639P, 641P, 1175,  
1176.
- 953-1023-1193.  
Phosphine, tri-*p*-tolyl-;  $(CH_3C_6H_4)_3P$ .  
T as mothproofing agent. 463P, 639P, 641P, 1176.

- 953-1023-1193-1350.  
Phosphine oxide, tri-*o*-tolyl-;  $(C_6H_6CH_3)_3PO$ .  
T as mothproofing agent. 404P, 1175.
- 953-1023-1193-1350.  
Phosphine oxide, tri-*p*-tolyl-;  $(C_6H_4CH_3)_3PO$ ?  
T as mothproofing agent. 639P, 1175.
- 953-1023-1235-1291.  
Tin chloride, triphenyl-;  $(C_6H_5CH_2)_3SnCl$ .  
T clothes moth. 640P.
- 953-1111.  
Stibine, triphenyl-;  $(C_6H_5)_3Sb$ .  
T as mothproofing agent; NT silkworm. 463P, 561, 639P, 641P, 915, 1175, 1176.
- 953-1111-1350.  
Stibine oxide, triphenyl-;  $(C_6H_5)_3SbO$ .  
T as mothproofing agent. 463P, 639P, 641P, 1175.
- 953-1113.  
Arsine, triphenyl-;  $(C_6H_5)_3As$ .  
T as mothproofing agent; ST silkworm; NT codling moth. 463P, 561, 639P, 641P, 930, 1175, 1176.
- 953-1113-1325.  
Arsine dihydroxide, triphenyl-;  $(C_6H_5)_3As(OH)_2$ .  
T as mothproofing agent. 463P, 639P, 641P, 1175, 1176.
- 953-1118-1291.  
Bismuthine, triphenyl-, dichloride;  $(C_6H_5)_3BiCl_2$ .  
NT silkworm. 561.
- 953-1119.  
Bismuthine, triphenyl-;  $(C_6H_5)_3Bi$ . (Bismuth triphenyl; triphenylbismut).  
T as mothproofing agent; NT silkworm larvae. 463P, 561, 639P, 641P, 1175, 1176.
- 953-1167-1405.  
Lead thiocyanate, triphenyl-;  $(C_6H_5)_3PbSCN$ ?  
T many insects as spray. 161P.
- 953-1193.  
Phosphine, triphenyl-;  $(C_6H_5)_3P$ .  
T codling moth and 20-90% T Mexican bean beetle. 606, 915.
- 953-1193-1325.  
Phosphine dihydroxide, triphenyl-;  $(C_6H_5)_3P(OH)_2$ .  
T as mothproofing agent. 463P, 639P, 1175, 1176.
- 953-1193-1350.  
Phosphine oxide, triphenyl-;  $(C_6H_5)_3PO$ .  
T as mothproofing and MT Mexican bean beetle. 404P, 463P, 606, 870P, 1175, 1176.
- 953-1193-1378.  
Phosphine selenide, triphenyl-;  $P(C_6H_5)_3Se$ .  
NT Mexican bean beetle. 606.
- 953-1193-1392.  
Phosphine sulfide, triphenyl-;  $(C_6H_5)_3PS$ .  
ST codling moth at 4%; NT greenhouse red spider at 4%. 1481.
954.  
Benzene, 1,3,5-triphenyl-;  $(C_6H_5)_3C_6H_3$ .  
98% T codling moth; NT screwworms and *Bombyx mori*. 156, 561.
- 954-1021-1193-1289.  
Phosphonium perchlorate, benzyltriphenyl-;  $C_6H_5CH_2-(C_6H_5)_3PClO_4$ .  
T as mothproofing agent. 394P, 395P, 867P, 871P, 1175, 1176, 1179.
- 954-1021-1193-1291.  
Phosphonium chloride, benzyltriphenyl-;  $C_6H_5CH_2-(C_6H_5)_3PCl$ .  
T as mothproofing agent. 394P, 395P, 867P, 871P, 1175, 1176, 1179.
- 954-1021-1193-1303.  
Phosphonium cyanide, benzyltriphenyl-;  $C_6H_5CH_2-(C_6H_5)_3PCN$ . (Benzyltriphenyl phosphoniumcyanid).  
T as mothproofing agent. 867P, 1175.
- 954-1021-1193-1312.  
Phosphonium fluoride, benzyltriphenyl-;  $C_6H_5CH_2-(C_6H_5)_3PF$ . (Benzyltriphenylphosphoniumfluorid).  
T as mothproofing agent. 867P, 1175.
- 954-1021-1193-1341.  
Phosphonium nitrate, benzyltriphenyl-;  $C_6H_5CH_2-(C_6H_5)_3PNO_3$ .  
T as mothproofing agent. 394P, 395P, 871P, 1175, 1176, 1179.
- 954-1021-1193-1405.  
Phosphonium thiocyanate, benzyltriphenyl-;  $C_6H_5CH_2-(C_6H_5)_3PSCN$ .  
T as mothproofing agent. 394P, 395P, 867P, 871P, 1175, 1176, 1179.
- 954-1023-1235.  
Tin, phenyl-, triphenyl-;  $(C_6H_5CH_2)_3SnC_6H_5$ . (Tri-benzylated phenylated tin).  
T clothes moth. 640P.
- 954-1024-1235.  
Tin, tetraphenyl-;  $(C_6H_5CH_2)_4Sn$ .  
T as mothproofing agent. 433P, 463P, 640P, 641P, 1175, 1176.
- 954-1113-1350.  
Arsenic oxide, bis(diphenyl)-;  $(C_6H_5)_2AsOAs(C_6H_5)_2$ . (Diphenyl arsenious oxide).  
HT *Bombyx mori* and HT tent caterpillar at 0.5%. 119, 561.
- 954-1193-1276.  
Phosphonium bromide, tetraphenyl-;  $(C_6H_5)_4PBr$ .  
T as mothproofing agent. 394P, 395P, 867P, 1175, 1176, 1179.
- 954-1235.  
Tin, tetraphenyl-;  $(C_6H_5)_4Sn$ .  
T as mothproofing agent. 433P, 463P, 640P, 641P, 1175, 1176.
- 955-999-1193-1276.  
Phosphonium bromide, pentamethylenebis(triphenyl-;  $(Br)(C_6H_5)_3PCH_2(CH_2)_3CH_2P(C_6H_5)_3(Br)$ . (Phosphonium bromide, pentamethylene di-triphenyl).  
T as mothproofing agent. 394P, 395P, 867P, 871P, 1175, 1176, 1179.
- 955-1011-1193-1276.  
Phosphonium bromide, ethylenebis(triphenyl-;  $(Br)(C_6H_5)_3PCH_2CH_2P(C_6H_5)_3(Br)$ .  
T as mothproofing agent. 394P, 395P, 867P, 871P, 1175, 1176, 1179.
- 955-1022-1193-1276.  
Phosphonium bromide, *p*-xylylenebis(triphenyl-;  $(Br)(C_6H_5)_3PCH_2C_6H_4CH_2P(C_6H_5)_3(Br)$ . (Phosphonium bromide, *p*-xylylene-di-triphenyl).  
T as mothproofing agent. 394P, 395P, 867P, 871P, 1175, 1176, 1179.
956.  
Dicyclohexadiene;  $C_8H_8C_4H_8$ .  
T houseflies. 1276.
- 956-1003-1021.  
Phellandrene;  $CH_3C_8H_{14}CH(CH_3)_2$ .  
NT wireworms at 421.5 mg./l. 846.
957.  
Cyclohexene;  $C_6H_{10}$ . (1,2,3,4-Tetrahydrobenzene). 124P.
- 957-1003-1021-1030.  
Limonene;  $CH_3C_8H_{14}C(CH_3)CH_3$ . (1,8(9)-*p*-Menthadiene; dipentene).  
T *Lucilia cuprina* larvae; attractant for codling moth and oriental peach moth; ST wireworms; NT houseflies. 564P, 846, 849, 1094, 1276, 1423A.
- 957-1003-1021-1030.  
Terpenes, CU.  
T as mothproofing agent. 1137P, 1175.
- 957-1021.  
Cyclohexene, 3-methyl-;  $C_8H_{14}CH_3$ .  
NT red scale. 268.
961.  
Cyclohexane;  $C_6H_{12}$ . (Hexahydrobenzene; hexamethylene).  
T *Lucilia cuprina* larvae and *Aphis rumicis*; NT screwworms. 156, 268, 849, 1162.
- 961-1021.  
Cyclohexane, methyl-;  $CH_3C_6H_{11}$ . (Cyclohexylmethane).  
NT screwworms and *Aphis rumicis*. 156, 1153.
- 975-1021.  
Methane, diaryl-, CU;  $R_2CH_4$ .  
T as mothproofing agent. 434P, 1175.
- 975-1021.  
Methanes, tri-aryl-, CU;  $R_3CH$ .  
T as mothproofing agent. 434P, 1175.
- 975-1027.  
Araikyl compounds, CU.  
T clothes moth. 413P, 1175.
- 975-1193-1350.  
Phosphine oxides, triaryl-, CU;  $R_3PO$ ?  
T as mothproofing agent. 870P, 1175.
- 975-1388.  
Stannic acid, esters, CU. (Stannates). 186P.
- 975-1388-1392?  
Sulfoannic acid, esters, CU? (Sulfostannates). 186P.

- 975-1435.  
Zincates, organic. CU. 188P.
- 983-1030-1218-1389.  
9-Octadecenyl sodium sulfate;  $\text{CH}_3(\text{CH}_2)_7\text{CH}(\text{CH}(\text{CH}_2)_7\text{CH}_2\text{SO}_4\text{Na})$ . (Sulfate, oleyl sodium).  
T red-legged grasshopper, Mexican mealybugs, cabbage aphid, common red spider, and mosquito larvae. 255, 554, 1401, 1432.
- 983-1218-1389.  
Octadecyl sodium sulfate;  $\text{C}_{18}\text{H}_{35}\text{SO}_4\text{Na}$ .  
T several species of insects. 255, 554, 1401, 1432.
- 989-1218-1389.  
Dodecyl sodium sulfate;  $\text{C}_{12}\text{H}_{25}\text{SO}_4\text{Na}$ . (Sodium lauryl sulfate; Orvus; Gardinol).  
T red-legged grasshopper, Mexican mealybug, cabbage aphid, common red spider, mosquito larvae, boxelder bug, and apple aphid; NT *Metanoplus m. mexicanus*. 255, 294, 554, 1150, 1401, 1432.
- 989-1358.  
Dodecyl phosphate;  $(\text{C}_{12}\text{H}_{25})_2\text{PO}_4$ .  
Fly spray. 107P, 112.
- 989-1389.  
Dodecyl sulfate;  $(\text{C}_{12}\text{H}_{25})_2\text{SO}_4$ .  
Fly spray. 107P, 112.
991.  
Octane, 2,7-dimethyl-;  $(\text{CH}_3)_2\text{CH}(\text{CH}_2)_4\text{CH}(\text{CH}_3)_2$  (Decane).  
NT rice weevil. 1180.
- 991-1030.  
3-Hexene, 2,2,5,5-tetramethyl-;  $(\text{CH}_3)_2\text{CCH}(\text{CH}_3)\text{CH}(\text{CH}_3)_2$ . (Disobutylene).  
100% T rice weevil; ST red scale. 268, 1180.
993.  
Pentane, 2,2,4-trimethyl-;  $(\text{CH}_3)_2\text{CCH}_2\text{CH}(\text{CH}_3)_2$ .  
Isooctane; isobutyltrimethylmethane).  
NT red scale. 268.
993.  
Octane;  $\text{C}_8\text{H}_{18}$ .  
60% T rice weevil; NT red scale. 268, 1180.
- 993-1030.  
Octene;  $\text{C}_8\text{H}_{16}$ . (Octylene; caprylene).  
70% rice weevil. 1180.
995.  
Heptane;  $\text{C}_7\text{H}_{16}$ .  
100% T rice weevil. 1180.
997.  
Hexane;  $\text{C}_6\text{H}_{14}$ .  
60% T rice weevil. 1180.
999.  
Pentane;  $\text{C}_5\text{H}_{12}$ .  
40% T rice weevil and bees; NT red scale. 268, 1012, 1180.
999.  
Butane, 2-methyl-;  $(\text{CH}_3)_2\text{CHCH}_2\text{CH}_3$ . (Isopentane; ethyldimethylmethane).  
NT red scale. 268.
- 999-1002-1356.  
Phosphoric acid, amyl dibutyl ester;  $\text{C}_6\text{H}_{11}(\text{C}_4\text{H}_9)_2\text{PO}_4$ . (Amyl dibutyl phosphate).  
T as mothproofing agent. 440P, 1179.
- 999-1030.  
Pentene;  $\text{CH}_3\text{CH}_2\text{CH}_2\text{CH}(\text{CH}_3)_2$ . (Amylene; propylethylene).  
NT rice weevil and red scale. 268, 1180.
- 999-1030.  
2-Butene, 3-methyl-;  $(\text{CH}_3)_2\text{C}(\text{CH}_3)\text{CH}(\text{CH}_3)_2$ . (Trimethylethylene;  $\beta$ -isomylenene).  
40% T rice weevil; NT red scale. 268, 1180.
- 999-1341.  
Amyl nitrate;  $\text{C}_5\text{H}_{11}\text{NO}_2$ .  
T Agriotes and *Leptinotarsa decemlineata*. 1009, 1382.
- 999-1341.  
Isoamyl nitrate;  $(\text{CH}_3)_2\text{CHCH}_2\text{CH}_2\text{NO}_2$ . ( $\gamma$ -Methylbutyl nitrate).  
100% T rice weevil; MT codling moth; NT *Chrysomphalus aurantii*. 268, 915, 1180.
- 999-1356.  
Triisoamyl phosphate;  $(\text{C}_5\text{H}_{11})_3\text{PO}_4$ .  
T as mothproofing agent. 440P, 1179.
- 1001-1113.  
Butane arsonic acid;  $\text{C}_4\text{H}_9\text{AsO}(\text{OH})_2$ . (*n*-Butyl arsonic acid).  
T codling moth. 915.
- 1001-1356.  
Dibutylphosphate;  $(\text{C}_4\text{H}_9)_2\text{HPO}_4$ .  
T as mothproofing agent. 440P, 1179.
- 1001-1356.  
Tributyl phosphate;  $(\text{C}_4\text{H}_9)_3\text{PO}_4$ .  
T as mothproofing agent. 440P, 446P, 1179.
- 1002-1193-1389.  
Phosphonium sulphate, tetraisobutyl-;  $(\text{C}_4\text{H}_9)_4\text{PSO}_4$ .  
T as mothproofing agent. 394P, 395P, 871P, 1175, 1176, 1179.
- 1003-1030-1286.  
Carbonic acid, diallyl ester;  $(\text{CH}_2=\text{CHCH}_2)_2\text{CO}_2$ . (Carbonate, diallyl).  
T houseflies. 1276.
- 1003-1291.  
Propane, 1,2,3-triarsic-;  $\text{CH}_2(\text{AsO}_2)\text{CH}(\text{AsO}_2)\text{CH}_2(\text{AsO}_2)$ . (Manoglycerol-tri-meta-arsenite). 1132P.
- 1003-1270.  
Glycerol diborate;  $(\text{C}_3\text{H}_5\text{BO}_2)_2$ . (Glycerine diborate).  
ST *Lucilia cuprina*, *L. sericata*, and *Calliphora vicina*. 918.
- 1011-1040.  
Acetylene;  $\text{HC}\equiv\text{CH}$ . (Ethyne; ethine).  
NT red scale. 268.
- 1011-1113-1126.  
Calcium arsenate, ethyl-;  $\text{Ca}(\text{C}_2\text{H}_5)_2\text{AsO}_4$ . (Calcium ethyl arsonate).  
HT tent caterpillar at 0.1%. 119.
- 1011-1177-1254.  
Mercury arsenate, ethyl-;  $(\text{C}_2\text{H}_5\text{Hg})_2\text{AsO}_4$ . 302P.
- 1011-1177-1303.  
Mercury cyanide, ethyl-;  $\text{C}_2\text{H}_5\text{HgCN}$ . 302P.
- 1011-1177-1356.  
Mercury phosphate, ethyl-;  $(\text{C}_2\text{H}_5\text{Hg})_2\text{PO}_4$ . 302P.
- 1011-1341.  
Ethyl nitrate;  $\text{C}_2\text{H}_5\text{NO}_2$ . (Nitric ether).  
T *Sitophilus oryzae*; NT red scale. 268, 1180.
- 1011-1343.  
Ethyl nitrite;  $\text{C}_2\text{H}_5\text{NO}$ .  
ST *Chrysomphalus aurantii*. 268.
- 1011-1356.  
Triethyl phosphate;  $(\text{C}_2\text{H}_5)_3\text{PO}_4$ .  
T as mothproofing agent. 440P, 1179.
- 1011-1393.  
Ethyl sulphite;  $(\text{CH}_3\text{CH}_2)_2\text{SO}_3$ . (Diethyl sulfite).  
T *Sitophilus oryzae* m.l.d. is 108 mg./l. 1178, 1180.
- 1012-1119-1276.  
Bismuthine, bromodiethyl-;  $(\text{C}_2\text{H}_5)_2\text{BiBr}$ ? (Diethyl bismuth bromide).  
T as mothproofing agent. 463P, 639P, 1175, 1176.
- 1012-1378.  
Ethyl selenide;  $(\text{C}_2\text{H}_5)_2\text{Se}$ . (Diethyl selenide).  
100% T rice weevil. 1180.
- 1013-1111-1291.  
Stibine, dichlorotriethyl-;  $(\text{C}_2\text{H}_5)_3\text{SbCl}_2$ . (Stibine dichloride, triethyl).  
T as mothproofing agent. 463P, 639P, 641P, 1175, 1176.
- 1013-1119-1276.  
Bismuthine, bromotriethyl-;  $(\text{C}_2\text{H}_5)_3\text{BiBr}$ . (Bismuth bromide, triethyl).  
T as mothproofing agent. 463P, 639P, 1175, 1176.
- 1013-1167-1303.  
Lead cyanide, triethyl-;  $(\text{C}_2\text{H}_5)_3\text{PbCN}$ .  
T many insects as spray. 161P.
- 1013-1167-1341.  
Lead nitrate, triethyl-;  $(\text{C}_2\text{H}_5)_3\text{PbNO}_3$ .  
T many insects as spray. 161P.
- 1013-1167-1405.  
Lead thiocyanate, triethyl-;  $(\text{C}_2\text{H}_5)_3\text{PbSCN}$ .  
T many insects as spray. 161P.
- 1013-1167-1414.  
Lead thiosulphate, triethyl-;  $(\text{C}_2\text{H}_5)_3\text{PbHS}_2\text{O}_3$ ?  
T many insects as spray. 161P.
- 1013-1235-1312.  
Tin fluoride, triethyl-;  $(\text{C}_2\text{H}_5)_3\text{SnF}$ .  
T as mothproofing agent. 463P, 640P, 1176.
- 1014-1193-1333.  
Phosphonium iodide, tetraethyl-;  $(\text{C}_2\text{H}_5)_4\text{PI}$ .  
T moth or other animal or plant pest of animal fibers. 110, 394P, 395P, 871P, 1175, 1176, 1179.
- 1014-1235.  
Tin, tetraethyl-;  $(\text{C}_2\text{H}_5)_4\text{Sn}$ .  
T clothes moth. 640P.

1021.  
Methano;  $\text{CH}_4$ .  
NT *Culex pipiens*. 1012.
- 1021-1113-1126.  
Calcium arsenate, methyl-;  $\text{Ca}(\text{CH}_3)_2\text{AsO}_4$ . (Calcium methyl arsenate).  
NT tent caterpillar at 0.1%. 119
- 1021-1213-1301.  
Selenium cyanide, methyl-;  $\text{CH}_3\text{SeCN}$ . (Methyl selenocyanate).  
ST *Chrysomphalus aurantii*. 268.
- 1021-1343.  
Methyl nitrite;  $\text{CH}_3\text{NO}_2$ .  
ST *Chrysomphalus aurantii*. 268.  
Carbon dioxide—see 1128-1350.  
Carbon monoxide—see 1128-1350.
- 1021-1356.  
Trimethyl phosphate;  $(\text{CH}_3)_3\text{PO}_4$ .  
T as mothproofing agent. 440P, 1179.
- 1021-1389.  
Methyl sulphate;  $(\text{CH}_3)_2\text{SO}_4$ . (Dimethyl sulfate).  
T *Strophilus erythraeus* and *Hippodamia convergens*. 1110, 1178, 1180, 1432.
- 1022-1113.  
Cacodylic acid;  $(\text{CH}_3)_2\text{AsOOH}$ . (Dimethylarsinic acid).  
T *Aphis rumicis*. 1152.
- 1022-1113-1405.  
Thiocyanic acid, dimethyl arseno ester;  $(\text{CH}_3)_2\text{AsSCN}$ . 1178, 1245P.
- 1023-1111-1276.  
Stibine, dibromotrimethyl-;  $(\text{CH}_3)_3\text{SbBr}_2$ . (Stibine dibromide, trimethyl).  
T as mothproofing agent. 463P, 639P, 641P, 1175, 1176.
- 1023-1111-1291.  
Stibine, dichlorotrimethyl-;  $(\text{CH}_3)_3\text{SbCl}_2$ . (Stibine dichloride, trimethyl).  
T as mothproofing agent. 463P, 639P, 641P, 1175, 1176.
- 1023-1111-1389.  
Stibine sulphate, trimethyl-;  $(\text{CH}_3)_3\text{SbSO}_4$ .  
T as mothproofing agent. 463P, 639P, 641P, 1175, 1176.
- 1027-1313.  
Alkanes, fluorosulfonyl-, CU.  
Contains from 1 to 4 carbon atoms.  
T *Calandra granaria*, *Tenebrio molitor*, bedbugs, cockroaches, lice, flies, gnats, moths, fur-beetle, carpet beetle and its larvae, ants, plant lice, *Phylloxera*, and shield-lice. 1265P.
- 1027-1389.  
Sulfates, alkyl-.  
T boxelder bug, shield scale and soft scale. 58P, 920, 923, 1415, 1432.
1045.  
Hydrocarbon, liquid.  
T as mothproofing agent. 269P, 1175.
- 1045-1111.  
Aryl antimonates, CU. 186P.
- 1045-1167-1405.  
Thiocyanic acid, trialkyllead derivatives, CU;  $\text{R}_3\text{PbCN}$ .  
HT as spray. 161P.
- 1045-1177-1450.  
Mercuri compounds, alkyl-;  $\text{RHgX}$ .  
The above formula where R is an unsubstituted aliphatic radical and X an acid radical. 302P.
- 1045-1193.  
Phosphoric acid, acyl esters.  
T as mothproofing agent. 867P, 1175.
- 1045-1193-1450.  
Phosphonium compounds, CU.  
T as mothproofing agent. 423P, 431P, 441P, 867P, 1175, 1179, 1360P.
- 1045-1246.  
Metallo-organic compounds, CU.  
T as mothproofing agent. 639P, 1175.
- 1045-1296.  
Aryl chromates, CU. 186P.
- 1045-1296-1340.  
Aryl chromiolumbydates, sodium salts, CU. (Na chromiolumbydate derivative of phenolic compound). 186P.
- 1045-1313.  
Fluosilicates, organic, CU. 1225P.
- 1045-1356.  
Phosphoric acid, ester, CU.  
T as mothproofing agent. 440P, 1179, 1458P.
- 1045-1389.  
Sulfates, organic. 243, 1432.
- 1106-1196-1389.  
Alum;  $\text{K}_2\text{Al}_2(\text{SO}_4)_4 \cdot 24\text{H}_2\text{O}$ . (Alum flour; alum meal; alumen; aluminite (native); common alum; cube alum; octahedral alum salt; potash alum; potassium alumin sulphas; sulphate of aluminum and potassium).  
T *Lucilia cuprina*, *L. sericata*, *Calliphora vicina*, cockroaches, and as mothproofing agent; NT *Tineola biselliella* and *Attagenus piceus*. 327P, 739, 833P, 918, 935P, 975P, 978P, 980P, 982P, 983P, 984P, 1166P, 1167P, 1170, 1179, 1268.
- 1106-1218-1313.  
Aluminum sodium fluosilicate. (Larvex).  
T as mothproofing agent. 585P, 659, 1176, 1179, 1217, 1219, 1221.
- 1106-1254.  
Aluminum arsenate;  $\text{AlAsO}_4 \cdot 8\text{H}_2\text{O}$ .  
T *Popillia japonica* and *Lucilia cuprina* larvae; NT codling moth. 493A, 849, 915.
- 1106-1310.  
Ammonium fluoaluminate;  $(\text{NH}_4)_2\text{AlF}_6$ . (Aluminum ammonium fluoride).  
T *Bombyx mori* and as mothproofing agent. 938P, 1176, 1277.
- 1106-1312.  
Aluminum fluoride;  $\text{AlF}_3$ .  
T clothes moth. 138P, 327P, 337P, 467P, 643P, 739, 865P, 936P, 938P, 1175, 1176, 1416P, 1417P.
- 1106-1313.  
Aluminum fluosilicate;  $\text{Al}_2(\text{SiF}_6)_3$ . (Aluminum silico-fluoride).  
T as mothproofing agent. 45, 120A, 978P, 983P, 1176.
- 1106-1325.  
Aluminum hydroxide;  $\text{Al}(\text{OH})_3$ .  
T as mothproofing agent. 615P, 1176.
- 1106-1389.  
Aluminum sulphate;  $\text{Al}_2(\text{SO}_4)_3$ . (Alumini sulphas; aluminic sulphate; cake alum; concentrated alum; neutral sulphate of aluminum; patent alum; sesqui-sulphate of aluminum; vitriolate of aluminum).  
T aphids and as mothproofing agent; NT clothes moth (739). 175, 327P, 739, 936P, 938P, 975P, 978P, 982P, 983P, 1164P, 1167P, 1175, 1176, 1416P, 1417P.
- 1106-1450.  
Aluminum salts, CU.  
T as mothproofing agent. 338P, 339P, 1166P, 1167P, 1176, 1179, 1416.
1108.  
Ammonia;  $\text{NH}_3$ .  
T wireworms, grain weevil, and as mothproofing agent; NT clothes moth (739). 268, 269P, 498, 739, 1175, 1178, 1306, 1488P.
- 1108-1109-1136-1405.  
Reinecke salt;  $[\text{NH}_4(\text{NH}_3)_2\text{Cr}(\text{SCN})_4 \cdot \text{H}_2\text{O}]$ . (Ammonium tetrathiocyanato diammino chromium).  
HT apple maggot fly and two other species of fruit flies; T Mexican bean beetle and Colorado potato beetle. 606, 1144, 1432.
- 1108-1136-1142-1405.  
Reinecke acid, cuprous salt;  $\text{Cu}[(\text{NH}_3)_2\text{Cr}(\text{SCN})_4]_2$ . (Cuprous tetrathiocyanato diammino chromium).  
ST Mexican bean beetle. 606.
- 1109-1138-1389.  
Ammonium cobaltous sulfate;  $\text{CoSO}_4(\text{NH}_4)_2\text{SO}_4$ .  
NT tobacco worm moth. 633.
- 1109-1142-1312.  
Ammonium cupric fluoride;  $\text{CuF}_2 \cdot 2\text{NH}_4\text{F}$ .  
NT tobacco worm moth. 653.
- 1109-1142-1325.  
Copper ammonium hydroxide.  
T as mothproofing agent. 953P, 1179.
- 1109-1196-1212-1392.  
Ammonium potassium selenoculfide;  $(\text{KNH}_4\text{S})_2\text{Se}$ . (Selenide).  
T red spider. 113, 564P, 565.

- 1109-1199-1312.  
Ammonium potassium fluoride.  
T as mothproofing agent. 1175, 1357P.
- 1109-1212-1218-1392.  
Ammonium sodium selenosulfide;  $(\text{NaNH}_2\text{S})_2\text{Se}^?$   
T red spiders. 564P.
- 1109-1212-1392.  
Ammonium selenosulphide;  $[(\text{NH}_4)_2\text{S}]_2\text{Se}$ .  
T red spiders. 562P.
- 1109-1312.  
Ammonium fluoride;  $\text{NH}_4\text{F}$ .  
T as mothproofing agent; NT *Tineola biselliella* and *Attagenus piceus* (739). 327P, 683P, 739, 823P, 1175, 1176, 1416P, 1417P.
- 1109-1312.  
Ammonium hydrogen fluoride;  $\text{NH}_4\text{HF}_2$ . (Ammonium bifluoride).  
T *Melanoplus m. mexicanus* and as mothproofing agent. 396P, 400P, 461P, 468P, 1150, 1175, 1176, 1356P, 1357P.
- 1109-1314.  
Ammonium fluosulphonate;  $\text{NH}_4\text{SO}_3\text{F}$ .  
T as mothproofing agent. 823P, 1176.
- 1109-1315.  
Ammonium fluotitanate;  $(\text{NH}_4)_2\text{TlF}_6$ .  
T as mothproofing agent. 327P, 1176.
- 1109-1340.  
Ammonium molybdate;  $(\text{NH}_4)_2\text{MoO}_4$ .  
T as mothproofing agent; NT clothes moth (739). 327P, 335P, 739, 1176.
- 1109-1356.  
Ammonium phosphate;  $\text{NH}_4\text{H}_2\text{PO}_4$ .  
NT *Tineola biselliella* and *Attagenus piceus*. 739.
- 1109-1376.  
Ammonium selenate;  $(\text{NH}_4)_2\text{SeO}_4$ .  
T clothes moth. 399P, 410P, 429P, 679P, 1175.
- 1109-1389.  
Ammonium selenite;  $(\text{NH}_4)_2\text{SeO}_3$ .  
T as mothproofing agent. 399P, 410P, 429P, 679P, 1175, 1361P.
- 1109-1389.  
Ammonium sulphate;  $(\text{NH}_4)_2\text{SO}_4$ .  
T *Lachnostruma grubs* and as mothproofing agent; NT *Popillia japonica*. 240, 493A, 823P, 1176.
- 1109-1392.  
Ammonium sulphide;  $(\text{NH}_4)_2\text{S}$ .  
T oriental peach moth. 861.
- 1109-1450.  
Ammonium salts, CU.  
T as mothproofing agent. 823P, 1176.
- 1110-1218-1312.  
Antimony sodium fluoride;  $\text{Na}_2\text{SbF}_6$ .  
T as mothproofing agent. 906.
- 1110-1291.  
Antimony trichloride;  $\text{SbCl}_3$ .  
NT Mediterranean fruit fly. 963.
- 1110-1312.  
Antimony fluoride;  $\text{SbF}_3$ ?  
T as mothproofing agent. 893P, 1179.
- 1110-1350.  
Antimony trioxide;  $\text{Sb}_2\text{O}_3$ .  
ST *Spilosoma lubricipeda*; NT *Melanoplus m. mexicanus*. 635, 1150.
- 1110-1350.  
Antimony pentoxide;  $\text{Sb}_2\text{O}_5$ .  
NT *Melanoplus m. mexicanus*. 1150.
- 1110-1392.  
Antimony sulphide;  $\text{Sb}_2\text{S}_3$ .  
NT Japanese beetle and codling moth. 915, 1008.
- 1110-1420.  
Antimoniotungstic acid.  
T as mothproofing agent. 327P, 329P, 335P, 1176.
- 1110-1450.  
Antimony salts, CU.  
T as mothproofing agent. 77P, 339P, 1036P, 1037P, 1166P, 1176, 1179.
1112.  
Arsine;  $\text{AsH}_3$ . (Arsenic trihydride).  
T *Hippodamia convergens*. 1041, 1110.
- 1112-1218-1420.  
Sodium arsenotungstate, CU. 186P.
- 1112-1291.  
Arsenic trichloride;  $\text{AsCl}_3$ .  
ST *Chrysomphalus aurantii*. 268.
- 1112-1350.  
Arsenic trioxide;  $\text{As}_2\text{O}_3$  ( $\text{H}_2\text{AsO}_3$ ). (Acidum arsenosum; anhydrous arsenious acid; anhydrous arseniousum; arson trioxidum; arsenic blanc; arsenic acid; arsenic album; arsenious acid; arsenious anhydride; arsenious oxide; arsenolite (native); flowers of arsenic; metallum album; poison flour).  
T *Phyllophaga lanestra* and as mothproofing agent; poison baits for many insects; NT clothes moth (44, 45). 44, 45, 269P, 807P, 849, 1025, 1030, 1175, 1176, 1179, 1270P, 1343P, 1410.
- 1112-1350.  
Arsenic pentoxide;  $\text{As}_2\text{O}_5$ .  
T *Lucilia cuprina* larvae and many species of insects. 165, 456, 849, 1065.
- 1112-1392.  
Arsenious sulfide;  $\text{As}_2\text{S}_3$ .  
NT *Popillia japonica*. 493A.
- 1112-1450.  
Arsenic salts, CU.  
T as mothproofing agent. 43, 976P, 1024, 1133P, 1176, 1179, 1367P.
- 1114-1254.  
Barium arsenate;  $\text{Ba}_3(\text{AsO}_4)_2$ .  
T various *Lepidopterous* larvae and 59% T *Popillia japonica*. 249, 493A.
- 1114-1260.  
Barium arsenite;  $\text{Ba}_3(\text{AsO}_3)_2$ ?  
T *Lucilia cuprina* larvae. 849.
- 1114-1270.  
Barium borate;  $\text{Ba}(\text{BO}_3)_2$ . 1115P.
- 1114-1274.  
Barium bromate;  $\text{Ba}(\text{BrO}_3)_2 \cdot \text{H}_2\text{O}$ .  
36% T firebrat. 1145.
- 1114-1278.  
Barium bromide;  $\text{BaBr}_2$ .  
NT firebrat. 1145.
- 1114-1289.  
Barium carbonate;  $\text{BaCO}_3$ .  
T firebrat, *Malacosoma americana*, and codling moth; NT Mediterranean fruit fly. 915, 963, 1008, 1144, 1145.
- 1114-1288.  
Barium chlorate;  $\text{Ba}(\text{ClO}_3)_2 \cdot \text{H}_2\text{O}$ .  
NT firebrat. 1145.
- 1114-1289.  
Barium perchlorate;  $\text{Ba}(\text{ClO}_4)_2$ .  
NT firebrat. 1145.
- 1114-1291.  
Barium chloride;  $\text{BaCl}_2$ .  
T *Lucilia cuprina* larvae at 0.1%; ST firebrat. 175, 849, 1145.
- 1114-1296.  
Barium chromate;  $\text{BaCrO}_4$ .  
NT firebrat, *Melanoplus m. mexicanus*, and *Malacosoma americana*. 1008, 1145, 1150.
- 1114-1312.  
Barium fluoride;  $\text{BaF}_2$ .  
T *Rhagoletis completa*, *Malacosoma americana*, and 35% T firebrat. 114, 1008, 1145.
- 1114-1313.  
Barium fluosilicate;  $\text{BaSiF}_6$ .  
91% T firebrat and T *Lucilia cuprina* larvae. 133, 310, 849, 1145, 1277.
- 1114-1325.  
Barium hydroxide;  $\text{Ba}(\text{OH})_2$ .  
T codling moth and 28% T firebrat. 915, 1145.
- 1114-1330.  
Barium iodate;  $\text{Ba}(\text{IO}_3)_2$ .  
14% T firebrat. 1145.
- 1114-1333.  
Barium iodide;  $\text{BaI}_2 \cdot 2\text{H}_2\text{O}$ .  
NT firebrat. 1145.
- 1114-1341.  
Barium nitrate;  $\text{Ba}(\text{NO}_3)_2$ .  
NT firebrat. 1145.
- 1114-1350.  
Barium oxide;  $\text{BaO}$ .  
22% T firebrat. 1145.
- 1114-1351.  
Barium peroxide;  $\text{BaO}_2$ .  
56% T firebrat. 1144, 1145.
- 1114-1356.  
Barium hydrogen phosphate;  $\text{BaHPO}_4$ . (Barium diphosphate).

- NT firebrat. 1145.  
 1114-1359.  
 Barium triphosphate;  $\text{Ba}_3(\text{PO}_4)_2$ .  
 MT firebrat. 1144, 1145.  
 1114-1356.  
 Barium phosphate, CU.  
 NT *Bombyx mori* larvae. 561.  
 1114-1389.  
 Barium sulfate;  $\text{BaSO}_4$ .  
 NT firebrat, cockroach, and *Malacosoma americana*.  
 1008, 1145, 1268.  
 1114-1392.  
 Barium sulfide;  $\text{BaS}$ .  
 NT firebrat. 1145.  
 1114-1414.  
 Barium thiosulfate;  $\text{BaS}_2\text{O}_3$ .  
 NT firebrat and *Melanoplus m. mexicanus*. 1145, 1150.  
 1114-1450.  
 Barium salts, CU.  
 T as mothproofing agent. 422P, 430P, 1175.  
 1116-1450.  
 Beryllium salts, CU. (Glucinum salts).  
 T as mothproofing agent. 103P, 1179.  
 1118-1286.  
 Bismuth carbonate;  $\text{Bi}(\text{CO}_3)_2$ .  
 NT Japanese beetle. 1008.  
 1118-1286-1350.  
 Bismuth subcarbonate;  $\text{Bi}_2\text{O}_3 \cdot \text{CO}_2 \cdot \text{H}_2\text{O}$ .  
 NT *Melanoplus m. mexicanus*. 1150.  
 1118-1291.  
 Bismuth trichloride;  $\text{BiCl}_3$ .  
 T Mediterranean fruit fly. 963.  
 1118-1291.  
 Bismuth oxychloride;  $\text{BiOCl}$ .  
 NT *Melanoplus m. mexicanus*. 1150.  
 1118-1341.  
 Bismuth oxynitrate;  $\text{BiONO}_2$ . (Bismuth nitrate, basic; bismuth subnitrate; bismuth white; bismuthi oxynitras; bismuthi subnitras; bismuthum album; bismuthyl nitrate; flake white; paint white; pearl white; Spanish white; magistery of bismuth; oxynitrate of bismuth).  
 T clothes moth; NT *Melanoplus m. mexicanus*. 1150, 1176, 1270P.  
 1118-1350.  
 Bismuth trioxide;  $\text{Bi}_2\text{O}_3$ .  
 NT *Melanoplus m. mexicanus*. 1150.  
 1118-1450.  
 Bismuth, water soluble salts of, CU.  
 T as mothproofing agent. 758P, 1178.  
 1118-1450.  
 Bismuth salts, CU.  
 T as mothproofing agent. 756P, 1175.  
 1120-1312.  
 Boron fluoride;  $\text{BF}_3$ .  
 T as mothproofing agent. 396P, 400P, 1175, 1400P.  
 1120-1312.  
 Boron trifluoride;  $\text{BF}_3$ .  
 HT grain weevil, bean weevil, bedbugs, and as mothproofing agent. 894, 1175, 1241P, 1242P.  
 1124-1278.  
 Cadmium bromide;  $\text{CdBr}_2 \cdot 4\text{H}_2\text{O}$ .  
 T Mediterranean fruit fly. 963.  
 1124-1286.  
 Cadmium carbonate;  $\text{CdCO}_3$ .  
 NT *Bombyx mori* larvae. 561.  
 1124-1291.  
 Cadmium chloride;  $\text{CdCl}_2$ .  
 85% T *Bombyx mori* larvae and T *Lucilia cuprina* larvae at 0.01%; NT *Melanoplus m. mexicanus* 561, 849, 1150.  
 1124-1325.  
 Cadmium hydroxide;  $\text{Cd}(\text{OH})_2$ .  
 100% T *Bombyx mori* larvae. 558, 561.  
 1124-1341.  
 Cadmium nitrate;  $\text{Cd}(\text{NO}_3)_2 \cdot 4\text{H}_2\text{O}$ .  
 NT *Melanoplus m. mexicanus*. 1150.  
 1124-1350.  
 Cadmium oxide;  $\text{CdO}$ .  
 85% T *Bombyx mori* larvae; NT *Melanoplus m. mexicanus*. 558, 561, 1150.  
 1124-1356.  
 Cadmium phosphate;  $\text{Cd}_3(\text{PO}_4)_2$ .  
 75% T *Bombyx mori* larvae. 558, 561.  
 1124-1389.  
 Cadmium sulfate;  $\text{CdSO}_4$ .  
 40% T *Bombyx mori* larvae; NT *Melanoplus m. mexicanus*. 561, 1150.  
 1124-1392.  
 Cadmium sulfide;  $\text{CdS}$ .  
 50% T *Bombyx mori* larvae. 561.  
 1128-1128-1291-1392.  
 Calcium chloride-carbon disulfide compound;  $\text{CaCl}_2 \cdot \text{CS}_2$ ? 391P.  
 1128-1142-1292.  
 Calcium tetracuproxyl chloride? 99P.  
 1128-1254.  
 Calcium arsenate;  $\text{Ca}_3(\text{AsO}_4)_2$ .  
 HT many insects; commonly used insecticide. 24, 493A, 677, 723, 881, 1349, 1371.  
 1126-1260.  
 Calcium arsenite;  $\text{Ca}_2(\text{AsO}_2)_2$ ?  
 T *Lucilia cuprina* larvae. 849, 1370.  
 1126-1270.  
 Calcium borate;  $\text{Ca}(\text{BaO}_2)_2$ .  
 NT codling moth. 915.  
 1126-1286.  
 Calcium carbonate;  $\text{CaCO}_3$ . (Limestone).  
 NT *Popillia japonica* and cockroach. 493A, 1268.  
 1126-1291.  
 Calcium chloride;  $\text{CaCl}_2$ . (Calcii chloridum; chloride of calcium; freezing salts; muriate of calcium; muriate of lime).  
 T as mothproofing agent but injurious to fabric. 43, 1176.  
 1126-1303.  
 Calcium cyanide;  $(\text{CaCN})_2$ .  
 T many species of insects; ST Mediterranean fruit fly. 963, 1007, 1447.  
 1126-1305.  
 Calcium cyanamid;  $\text{CaCN}_2$ .  
 NT *Popillia japonica* larvae. 493A.  
 1126-1312.  
 Calcium fluoride;  $\text{CaF}_2$ .  
 ST Colorado potato beetle and *Rhagoletis completa*. 114, 895.  
 1126-1313.  
 Calcium fluosilicate;  $\text{CaSiF}_6$ .  
 ST *Rhagoletis completa*. 114.  
 1126-1325.  
 Calcium hydroxide;  $\text{Ca}(\text{OH})_2$ . (Hydrated lime).  
 HT *Calandra granaria*; T *Diabrotica duodecimpunctata*; NT *Popillia japonica*, clothes moth larvae, and cockroach. 42, 493A, 541, 753, 1147, 1176, 1268, 1396.  
 1126-1350.  
 Calcium oxide. (Burned lime; burnt lime; calcic oxide; calx; calx viva; caustic lime; lime; quicklime; unslaked lime).  
 T as mothproofing agent (245P); NT clothes moth (1024, 1268), and cockroaches. 245P, 1024, 1176, 1268.  
 1126-1356.  
 Calcium hydrogen phosphate. (Acid phosphate, CU; calcium phosphate).  
 NT *Popillia japonica* larvae. 493A.  
 1128-1389.  
 Calcium sulfate;  $\text{CaSO}_4$ . (Gypsum).  
 T parasites harmful to vines and as mothproofing agent; ST spotted cucumber beetle; NT cockroach. 184P, 1147, 1179, 1268, 1490P.  
 1126-1392.  
 Calcium polysulfides. (Lime-sulfur).  
 T spiders and many species of insects. 1064.  
 1126-1450.  
 Calcium salts, CU.  
 NT as mothproofing agent. 422P, 430P, 1175.  
 1128-1162-1350.  
 Iron carbonyl;  $\text{Fe}(\text{CO})_5$ .  
 NT *Chrysomphalus aurantii*. 268.  
 Phosgene—see 331-1021.  
 Thiophosgene—see 796-852-1021.  
 Carbon tetrachloride—see 854-1021.  
 1128-1350?  
 Carbon monoxide;  $\text{CO}$ .  
 T *Tribolium confusum*; NT *Chrysomphalus aurantii*. 268, 763.  
 1128-1350.  
 Carbon dioxide;  $\text{CO}_2$ .

- T *Musca domestica*; MT *Chrysomphalus aurantii*. 26, 260P, 268, 763, 1012.
- 1128-1302.  
Carbon disulfide;  $\text{CS}_2$ . (Carbon bisulfide).  
T many species of insects. 80, 256, 260, 267, 297P, 308, 309, 411P, 421P, 425P, 478, 497, 573, 705, 921, 925, 954, 960, 1029, 1044, 1075, 1083, 1186, 1271, 1278.
- 1130-1291.  
Cerium chloride;  $\text{CeCl}_3$ .  
T as mothproofing agent. 756P, 1175.
- 1130-1450.  
Cerium salts, CU.  
T as mothproofing agent. 739, 745P, 758P, 781P, 782P, 975P, 976P, 978P, 1176.
- 1136-1196-1389.  
Chromium potassium sulfate;  $\text{K}_2\text{SO}_4\text{Cr}_2(\text{SO}_4)_2 \cdot 24\text{H}_2\text{O}$ . (Chromium alum).  
T as mothproofing agent; NT *Melanoplus m. mezinus*. 1150, 1166P, 1179.
- 1136-1292.  
Chromium oxychloride;  $\text{Cr}_2\text{O}_3\text{Cl}_2$ . (Combined with other materials). 855P.
- 1136-1312.  
Chromium fluoride, CU?  $\text{CrF}_3$  or  $\text{CrF}_6$ .  
T as mothproofing agent; NT *Orthopodomyia signifer*. 882P, 883P, 884P, 895, 906, 1178.
- 1136-1350.  
Chromium oxide;  $\text{Cr}_2\text{O}_3$ .  
NT *Melanoplus m. mezinus*. 178P, 1150, 1432.
- 1136-1450.  
Chromium salts, CU.  
T as mothproofing agent. 327P, 338P, 339P, 1024, 1166P, 1167P, 1176, 1179.
- 1138-1254.  
Cobaltous arsenite;  $\text{Co}_3(\text{AsO}_3)_2$ .  
NT tobacco worm moth. 553.
- 1138-1291.  
Cobalt chloride;  $\text{CoCl}_2$ .  
T clothes moth; NT tobacco hornworms. 553, 1114P.
- 1138-1296.  
Cobaltous chromate;  $\text{CoCrO}_4$ .  
NT tobacco worm moth. 553.
- 1138-1341.  
Cobaltous nitrate;  $\text{Co}(\text{NO}_3)_2$ .  
NT tobacco worm moth. 553.
- 1138-1350.  
Cobalt oxide;  $\text{CoO}$ .  
NT tobacco worm moth. 553.
- 1138-1389.  
Cobaltous sulphate;  $\text{CoSO}_4$ .  
NT tobacco worm moth. 553.
- 1142-1254-1325.  
Copper arsenate, basic;  $(\text{Cu}(\text{CuOHAsO}_4))$ .  
T leafhopper, red mites, and chewing insects on beans and potatoes. 276.
- 1142-1260.  
Copper arsenite;  $\text{CuHAsO}_3$ .  
NT Mediterranean fruit fly. 963.
- 1142-1270.  
Copper borate;  $\text{Cu}_3(\text{BO}_3)_2$ .  
NT *Melanoplus m. mezinus*. 482P, 1115P, 1150.
- 1142-1271.  
Cupric tetraborate;  $\text{CuB}_4\text{O}_7 \cdot 4\text{H}_2\text{O}$ . (Cupric borate).  
NT Mediterranean fruit fly. 963.
- 1142-1276.  
Copper bromide;  $\text{CuBr}_2$ .  
NT Mediterranean fruit fly. 963.
- 1142-1286-1325.  
Copper carbonate, basic;  $\text{CuCO}_3\text{Cu}(\text{OH})_2$ .  
ST Mediterranean fruit fly; NT *Melanoplus m. mezinus*. 963, 1150.
- 1142-1291.  
Cuprous chloride;  $\text{Cu}_2\text{Cl}_2$ .  
T Mediterranean fruit fly. 963.
- 1142-1291.  
Cupric chloride;  $\text{CuCl}_2$ .  
NT Mediterranean fruit fly. 963.
- 1142-1303.  
Cuprous cyanide;  $\text{CuCN}$ .  
ST Japanese beetle. 271AP, 494.
- 1142-1303.  
Cupric cyanide;  $\text{Cu}(\text{CN})_2$ .  
ST Mediterranean fruit fly. 963.
- 1142-1305.  
Copper cyanamide (tech.);  $\text{CuCN}_2$ .  
NT *Melanoplus m. mezinus*. 1150.
- 1142-1312.  
Cupric fluoride;  $\text{CuF}_2 \cdot 2\text{H}_2\text{O}$ .  
NT Mediterranean fruit fly. 963.
- 1142-1325.  
Copper hydroxide;  $\text{Cu}(\text{OH})_2$ .  
NT Mediterranean fruit fly. 963, 1262P.
- 1142-1335.  
Cuprous iodide;  $\text{CuI}$ .  
NT Japanese beetle. 1009.
- 1142-1341.  
Copper nitrate;  $\text{Cu}(\text{NO}_3)_2 \cdot 3\text{H}_2\text{O}$ .  
NT Mediterranean fruit fly and wireworms. 660, 963, 1396.
- 1142-1345.  
Copper nitroprusside;  $\text{CuFe}(\text{CN})_5\text{NO}$ .  
ST *Malacosoma americana*. 1009.
- 1142-1350.  
Copper oxide;  $\text{Cu}_2\text{O}$ . (Red oxide).  
T Mediterranean fruit fly and as mothproofing agent; NT Japanese beetle. 963, 1009, 1179, 1490P.
- 1142-1350-1389.  
Bordeaux mixture. (Basic copper sulfates).  
T leafhopper and Mediterranean fruit fly. 275, 963.
- 1142-1356.  
Copper phosphate;  $\text{Cu}_3(\text{PO}_4)_2$ .  
NT *Bombyx mori* larvae. 561.
- 1142-1389.  
Copper sulphate;  $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$ .  
T mosquito larvae and *Lucilia cuprina* larvae at 0.1%; NT Mediterranean fruit fly, *Melanoplus m. mezinus*, and tobacco worm moth. 175, 553, 849, 918, 963, 1144, 1150.
- 1142-1393.  
Copper sulphite;  $\text{Cu}_2\text{SO}_3 \cdot \text{H}_2\text{O}$ .  
NT Mediterranean fruit fly. 963.
- 1142-1405.  
Copper thiocyanate, CU.  
70% T Mexican bean beetle; MT codling moth larvae; NT Colorado potato beetle. 915, 929, 930, 1432.
- 1142-1405.  
Cuprous thiocyanate;  $\text{CuSCN}$ .  
NT Japanese beetle. 1009.
- 1142-1405.  
Cupric thiocyanate;  $\text{Cu}(\text{SCN})_2$ .  
T Mexican bean beetle. 606.
- 1142-1450.  
Copper salts, CU.  
T as mothproofing agent. 319P, 756P, 1024, 1175, 1176.
- 1162-1254.  
Ferrie arsenate;  $\text{FeAsO}_4 \cdot 2\text{H}_2\text{O}$ .  
T codling moth and MT *Popillia japonica* as soil treatment. 493A, 712, 915.
- 1162-1286.  
Ferrous carbonate;  $\text{FeCO}_3$ . (Iron carbonate).  
T earwigs. 917P.
- 1162-1389.  
Ferrous sulphate;  $\text{FeSO}_4$ . (Copperas; ferri sulfas; ferum vitriolatum; green vitriol; iron sulfate; iron vitriol; pretosulfate of iron; sal chalybidis; salts of steel; vitriolate of iron).  
T clothes moth, Mediterranean fruit fly, and *Orthopodomyia signifer*. 895, 963, 1024, 1025, 1176.
- 1164-1450.  
Lanthanum salts, CU.  
T as mothproofing agent; NT clothes moth (739). 739, 745P, 756P, 758P, 780P, 781P, 782P, 975P, 976P, 978P, 1175, 1176.
- 1166-1252.  
Lead antimonate;  $\text{PbHSbO}_4$ .  
NT Japanese beetle. 1009.
- 1166-1254-1350.  
Lead hydrogen arsenate;  $\text{PbHAsO}_4$ . (Acid lead arsenate; lead arsenate).  
Widely used insecticide, highly toxic to many species of insects. 166, 168, 169, 881, 901, 1079, 1148, 1168, 1225P, 1289, 1371, 1375, 1398, 1491, 1502.
- 1166-1254.  
Lead arsenate, basic.  
Widely used insecticide, toxic to many species of insects.

- 1166-1270.  
Lead borate;  $\text{Pb}(\text{BO}_2)_2 \cdot \text{H}_2\text{O}$ .  
T *Popillia japonica* and 50% T as soil treatment. 493A, 915, 1150.
- 1166-1286-1325.  
Lead carbonate, basic;  $(\text{PbCO}_3)_2\text{Pb}(\text{OH})_2$ . (Ceruse; cerussite (native); flake lead; lead spar; plumbic carbonate; plumbicarbonas; white lead).  
T *Malacosoma americana*; ST Japanese beetle; NT clothes moth. 42, 120, 493A, 1024, 1176, 1268.
- 1166-1291.  
Lead chloride;  $\text{PbCl}_2$ .  
T *Popillia japonica*; 67% T as soil treatment. 493A.
- 1166-1296.  
Lead chromate;  $\text{PbCrO}_4$ .  
ST *Malacosoma americana*. 120.
- 1166-1312.  
Lead fluoride;  $\text{PbF}_2$ .  
T *Popillia japonica* larvae and T *Bombyx mori* M.L.D.=0.25-0.4 mg./g. 493A, 1277.
- 1166-1313.  
Lead fluosilicate;  $\text{PbSiF}_6$ .  
T *Bombyx mori*. 1036A.
- 1166-1350.  
Lead oxide, CU.  
T *Malacosoma americana*; NT clothes moth. 42, 120, 1024, 1176, 1268.
- 1166-1356.  
Lead hydrogen phosphate;  $\text{PbHPO}_4$ .  
T *Popillia japonica* larvae; 67% T as soil treatment. 493A.
- 1166-1389.  
Lead sulphate;  $\text{PbSO}_4$ .  
ST *Malacosoma americana*. 120.
- 1166-1405.  
Lead thiocyanate;  $\text{Pb}(\text{SCN})_2$ .  
NT Japanese beetle. 1008.
- 1166-1414.  
Lead thiosulfate;  $\text{PbS}_2\text{O}_3$ .  
ST codling moth. 915.
- 1166-1450.  
Lead, water soluble salts of.  
T as mothproofing agent. 758P, 1176.
- 1166-1450.  
Lead salts, CU.  
T clothes moths. 756P, 1175.
- 1168-1312.  
Lithium fluoride;  $\text{LiF}$ .  
T as mothproofing agent. 978P, 983P, 1176.
- 1168-1313.  
Lithium fluosilicate;  $\text{Li}_2\text{SiF}_6$ .  
T as mothproofing agent. 120A, 983P, 1176.
- 1168-1314.  
Lithium fluosulphonate;  $\text{LiSO}_3\text{F}$ .  
T as mothproofing agent. 823P, 1176.
- 1168-1450.  
Lithium salts, CU.  
T as mothproofing agent. 823P, 1176.
- 1172-1218-1312.  
Magnesium sodium fluoride;  $\text{NaF} \cdot \text{MgF}_2$ ?  
ST codling moth. 915.
- 1172-1254.  
Magnesium arsenate;  $\text{Mg}_3(\text{AsO}_4)_2$ ?  
Widely used insecticide, toxic to many species of insects. 1371.
- 1172-1270.  
Magnesium borate;  $\text{Mg}(\text{BO}_2)_2$ .  
ST codling moth. 915.
- 1172-1286.  
Magnesium carbonate;  $\text{MgCO}_3$ .  
T as mothproofing agent; NT cockroach and *Melanoplus m. mexicanus*. 638P, 1150, 1179, 1268.
- 1172-1291.  
Magnesium chloride;  $\text{MgCl}_2$ .  
T as mothproofing agent; NT *Melanoplus m. mexicanus*. 103P, 1150, 1179.
- 1172-1312.  
Magnesium fluoride;  $\text{MgF}_2$ .  
ST Colorado potato beetle; NT *Melanoplus m. mexicanus*. 895, 1150.
- 1172-1313.  
Magnesium fluosilicate;  $\text{MgSiF}_6$ .  
ST *Rhagoletis completa*. 114.
- 1172-1350.  
Magnesium oxide;  $\text{MgO}$ .  
NT cockroach. 1268.
- 1172-1356.  
Magnesium phosphate;  $\text{Mg}_3(\text{PO}_4)_2 \cdot 4\text{H}_2\text{O}$ .  
NT *Melanoplus m. mexicanus*. 1150.
- 1172-1389.  
Magnesium sulphate;  $\text{MgSO}_4$ . (Bitter salt; epsom salts; hair bitter; kieserite (native); magnesia vitriolata; magnesii sulphas; sal catharticum; amar; salta).  
T Mediterranean fruit fly, *Lucilia cuprina* larvae, silverfish, cockroach, and T as mothproofing agent (32, 548); NT *Melanoplus m. mexicanus* and NT clothes moths (43, 45, 739). 32, 43, 45, 175, 548, 739, 849, 963, 985A, 1150, 1176.
- 1174-1254.  
Manganese arsenate;  $\text{Mn}_3(\text{AsO}_4)_2$ ?  
T codling moth and *Popillia japonica*; 50% T as soil treatment. 493A, 962.
- 1174-1270.  
Manganese borate;  $\text{Mn}(\text{BO}_2)_2$ .  
ST codling moth. 915.
- 1174-1312.  
Manganese fluoride;  $\text{MnF}_2$ .  
T *Bombyx mori*—M.L.D.=2-4 mg./g. 1277.
- 1174-1350.  
Manganese dioxide;  $\text{MnO}_2$ . (Binoxide of manganese; black oxide of manganese; pyrolusite (native); mangani-dioxidum; mangani oxidum nigrum; manganic dioxide; manganesi peroxidum; peroxide of manganese; psilomelane).  
T as mothproofing agent. 245P, 1176.
- 1174-1356.  
Manganese phosphate;  $\text{Mn}_3(\text{PO}_4)_2$ ?  
NT *Bombyx mori* larvae. 561.
- 1174-1389.  
Manganous sulphate;  $\text{MnSO}_4 \cdot 2\text{H}_2\text{O}$ .  
NT *Melanoplus m. mexicanus*. 1150.
- 1174-1389.  
Manganese sulphate, CU.  
T *Lucilia cuprina* larvae at 0.1%. 849.
1176.  
Mercury; Hg.  
T stored grain insects. 826.
- 1176-1212-1303.  
Mercury selenocyanate;  $\text{Hg}(\text{SeCN})_2$ ? 321P.
- 1176-1291.  
Mercurous chloride;  $\text{HgCl}_2$ .  
T root maggot on Brassica. 1504.
- 1176-1291.  
Mercuric chloride;  $\text{HgCl}_2$ . (Corrosive; corrosive chloride of mercury; corrosive sublimate; dimuriate of mercury; hydrargyri chloridum corrosivum; hydrargyri corrosivum sublimatus; hydrargyri muriaticum; hydrargyri perchloridum; hydrargyri permurias; hydrargyri supermurias; mercury bichloride; mercury chloride; perchloride of mercury).  
T cabbage root maggot (eggs), codling moth, *Lucilia cuprina*, Mediterranean fruit fly, and as mothproofing agent; NT clothes moths (66). 26, 66, 175, 849, 915, 963, 1024, 1025, 1077, 1150, 1176, 1504.
- 1176-1350.  
Mercury oxide. 178P, 1432.
- 1176-1405.  
Mercury thiocyanate, CU;  $\text{HgSCN}$  (mercurous) or  $\text{Hg}(\text{SCN})_2$  (mercuric)?  
98% T codling moth larvae. 736, 1432.
- 1176-1450.  
Mercury, water soluble salts of.  
T as mothproofing agent. 758P, 1176.
- 1176-1450.  
Mercury salts, CU.  
T as mothproofing agent. 756P, 1176.
- 1180-1198-1450.  
Didymium salts, CU. (Mixture of Neodymium and Praseodymium).  
T as mothproofing agent. 780P, 781P, 782P, 1176.
- 1182-1270.  
Nickel borate;  $\text{Ni}(\text{BO}_2)_2$ .  
ST codling moth. 915.
- 1182-1303.  
Nickel cyanide;  $\text{Ni}(\text{CN})_2$ .  
NT *Malacosoma americana*. 915.
- 1182-1389.  
Nickel sulphate;  $\text{NiSO}_4$ .  
T *Lucilia cuprina* larvae at 0.1%. 849.



1184.  
Nitrogen;  $N_2$ .  
T as mothproofing agent. 586P, 1179.
- 1184-1291.  
Nitrogen trichloride;  $NCI_3$ .  
T thrips. 1497.
- 1184-1350.  
Nitrous oxide;  $N_2O$ .  
NT *Chrysomphalus aurantii*. 268.
1192.  
Phosphorus (paste);  $P_4$ .  
T cockroaches. 26, 589.
- 1196-1213-1392.  
Potassium seleno-sulfide;  $(K_2S)_2Se$ ?  
T red spiders. 564P.
- 1196-1252.  
Potassium antimonate;  $KSbO_3$ ?  
T as mothproofing agent. 1038P, 1176.
- 1196-1254.  
Potassium arsenate;  $K_3AsO_4$ ?  
T as mothproofing agent; NT tobacco worm moth. 553, 1133P, 1179.
- 1196-1261.  
Potassium arsenite;  $KA_2O_3$ .  
NT tobacco worm moth. 553.
- 1196-1270.  
Potassium borate;  $KBO_3$ ?  
ST codling moth. 915.
- 1196-1274.  
Potassium bromate;  $KBrO_3$ .  
NT *Melanoplus m. mexicanus*. 1150.
- 1196-1286.  
Potassium carbonate;  $K_2CO_3$ .  
T as mothproofing agent. 1176, 1270P.
- 1196-1288.  
Potassium chlorate;  $KClO_3$ .  
NT *Orthopodomyia signifer*. 895.
- 1196-1289.  
Potassium perchlorate;  $KClO_4$ .  
T as mothproofing agent. 867P, 1175.
- 1196-1291.  
Potassium chloride;  $KCl$ .  
T *Orthopodomyia signifer*. 175, 895.
- 1196-1297.  
Potassium dichromate;  $K_2Cr_2O_7$ .  
T *Lucilia cuprina* larvae at 0.1%. 824P, 849.
- 1196-1303.  
Potassium cyanide;  $KCN$ .  
T *Lucilia cuprina* larvae at 0.01-0.1%; NT to insects when injected into plants. 1P, 317P, 501, 849, 1011A, 1176, 1396.
- 1196-1309.  
Potassium ferrocyanide;  $K_4Fe(CN)_6 \cdot 3H_2O$ .  
NT *Melanoplus m. mexicanus*. 1150.
- 1196-1310.  
Potassium fluoaluminate;  $K_2AlF_6$ . (Potassium aluminum fluoride).  
T Mediterranean fruit fly and T *Bombyx mori* M.L.D. 0.08-0.1 mg./gm. 963, 1277.
- 1196-1312.  
Potassium fluoride;  $KF$ .  
T as mothproofing agent; NT tobacco worm moth. 553, 978P, 983P, 1176, 1416P, 1417P.
- 1196-1312.  
Potassium hydrogen fluoride;  $KHF$ . (Potassium bifluoride).  
T as mothproofing agent. 423P, 461P, 468P, 1175, 1176, 1356P.
- 1196-1312-1356.  
Potassium hexafluorophosphate;  $KPF_6$ ? (Monopotassium monofluorophosphate).  
T as mothproofing agent. 461P, 642P, 1175, 1176.
- 1196-1312-1389?  
Potassium fluosulfate?  $K_2F_3(SO_4)_2$ ? (Tripotassium difluorodisulphate).  
T as mothproofing agent. 461P, 642P, 1175, 1176.
- 1196-1313.  
Potassium fluosilicate;  $K_2SiF_6$ .  
T *Bombyx mori* M.L.D. 0.07-1 mg./gm. and T as mothproofing agent. 978P, 983P, 1176, 1277.
- 1196-1314.  
Potassium fluomulphonate;  $KSO_3F$ .  
T as mothproofing agent. 823P, 1176.
- 1196-1333.  
Potassium iodide;  $KI$ .
- NT *Melanoplus m. mexicanus*. 895, 1150.
- 1196-1338.  
Potassium permanganate;  $KMnO_4$ .  
NT *Melanoplus m. mexicanus*. 1150.
- 1196-1341.  
Potassium nitrate;  $KNO_3$ .  
T *Lucilia cuprina* larvae at 0.01-0.1%. 849.
- 1196-1384.  
Potassium silicate;  $K_2SiO_3$ ?  
T as mothproofing agent; NT clothes moths (739). 327P, 739, 1176.
- 1196-1392.  
Potassium sulphide;  $K_2S$ .  
NT *Limomus californicus* larvae. 1396.
- 1196-1415.  
Potassium thiocarbonate;  $K_2CS_2 \cdot H_2O$ .  
HT grubs of *Leucopholis urvata*. 880.
- 1196-1450.  
Potassium salts, CU.  
T as mothproofing agent. 823P, 1179.
- 1212-1218-1392.  
Sodium seleno-sulfide;  $(Na_2S)_2Se$ ?  
T red spider. 564P.
- 1212-1291-1360.  
Selenium oxychloride;  $SeOCl_2$ .  
T *Lucilia cuprina* larvae at 0.01-0.1%. 849.
- 1212-1350.  
Selenium dioxide;  $SeO_2$ .  
T mites. 725.
- 1212-1392.  
Selenium sulfide;  $SeS$ .  
T mites. 725.
- 1212-1450.  
Selenium compounds, CU.  
T as mothproofing agent. 399P, 429P, 445P, 679P, 680P, 1175, 1179.
1214.  
Silicon hydride?  $SiH_4$ ? (Silicon hydrate).  
96% T *Calandra granaria*. 541.
- 1214-1312.  
Silicon tetrafluoride;  $SiF_4$ .  
HT grain weevil, bean weevil, bedbug, etc. 894.
- 1214-1350.  
Silicon dioxide;  $SiO_2$ . (Quartz sand; musk; flint; silica).  
NT cockroach. 541, 1050, 1263.
- 1216-1341.  
Silver nitrate;  $AgNO_3$ .  
T *Lucilia cuprina* larvae at 0.1%. 849.
- 1218-1236-1312.  
Sodium titanium fluoride;  $TiNaF_3$ ?  
T as mothproofing agent. 1166P, 1179.
- 1218-1250.  
Sodium aluminate;  $NaAlO_2$ .  
T *Lucilia cuprina* larvae at 0.1%. 849.
- 1218-1254.  
Sodium arsenate;  $Na_3AsO_4$ .  
80-100% T *Lucilia sericata* larvae; NT tobacco worm moth. 553, 723.
- 1218-1260.  
Sodium arsenite;  $Na_3AsO_3$ .  
HT *Lucilia sericata* larvae; T *Lucilia cuprina* larvae at 0.1% and T as mothproofing agent; used in poison baits. 164, 485, 620, 702, 723, 724, 849, 896, 919, 1030, 1133P, 1179, 1342.
- 1218-1264.  
Sodium azide;  $NaN_3$ . (Sodium salt of hydrazoic acid).  
T mites, ants, flies, etc. 1475P.
- 1218-1271.  
Borax;  $Na_2B_4O_7$ . (Sodium borate; sodium tetraborate).  
T housefly, stablefly, wireworms, T *Lucilia cuprina* at 0.1%, and T as mothproofing agent; NT bedbugs and NT clothes moth (42, 1024, 1268, 1479). 26, 40P, 42, 543, 823P, 849, 886, 918, 956, 1024, 1176, 1268, 1479.
- 1218-1276.  
Sodium bromide;  $NaBr$ .  
NT *Orthopodomyia signifer*. 895.
- 1218-1286.  
Sodium carbonate;  $Na_2CO_3$ . (Soda ash; sal soda).  
T as mothproofing agent (1343P); NT cockroach and as mothproofing agent. 42, 246P, 739, 1024, 1176, 1268P, 1343P.

- 1218-1236.  
Sodium bicarbonate;  $\text{NaHCO}_3$ . (Acid carbonate of soda; hydrosodic carbonate; sesqui-carbonate of soda; sodi bicarbonas; vichy salts).  
NT clothes moth, cockroach, and *Orthopodomyia signifer*. 42, 739, 895, 1024, 1176, 1268.
- 1218-1291.  
Sodium chloride;  $\text{NaCl}$ . (Common salt).  
T as mothproofing agent (339P, 823P); NT *Orthopodomyia signifer* and NT clothes moth (42, 1024). 42, 175, 319P, 339P, 823P, 895, 1024, 1176, 1176.
- 1218-1297.  
Sodium bichromate;  $\text{Na}_2\text{Cr}_2\text{O}_7 \cdot 2\text{H}_2\text{O}$ .  
Shows promise as an ingredient of bran baits. 513A.
- 1218-1303.  
Sodium cyanide;  $\text{NaCN}$ .  
T termites, ants, many species of insects, and as soil treatment. 1078A.
- 1218-1310.  
Sodium fluoaluminate;  $\text{Na}_3\text{AlF}_6$ . (Cryolite).  
Widely used insecticide, toxic to many species of insects.
- 1218-1312.  
Sodium fluoride;  $\text{NaF}$ .  
T many species of insects and as mothproofing agent; NT clothes moth (43, 739), 43, 739, 975P, 976P, 982P, 983P, 1024, 1176, 1209P, 1216, 1416P, 1417P.
- 1218-1312.  
Sodium hydrogen fluoride;  $\text{NaHF}$ . (Sodium bifluoride).  
T as mothproofing agent. 468P, 1176, 1356P.
- 1218-1313.  
Sodium fluosilicate;  $\text{Na}_2\text{SiF}_6$ . (Sodium silicofluoride).  
T as mothproofing agent. 423P, 460P, 896, 945P, 975P, 978P, 980P, 982P, 983P, 984P, 985, 1176, 1176, 1221, 1358P, 1479.
- 1218-1314.  
Sodium fluosulphonate;  $\text{NaSO}_3\text{F}$ .  
T as mothproofing agent. 823P, 1176.
- 1218-1325.  
Sodium hydroxide;  $\text{NaOH}$ .  
T *Musca domestica*; NT grasshoppers and *Orthopodomyia signifer*. 623, 895, 1012.
- 1218-1340.  
Sodium molybdate;  $\text{Na}_2\text{MoO}_4$ .  
T as mothproofing agent. 40P, 1176.
- 1218-1356.  
Sodium phosphate;  $\text{Na}_2\text{HPO}_4$ . (Disodium orthophosphate; disodium phosphate).  
T as mothproofing agent; NT clothes moth (739). 40P, 327P, 335P, 739, 1176.
- 1218-1376.  
Sodium selenate;  $\text{Na}_2\text{SeO}_4$ .  
T *Lucilia cuprina* larvae at 0.1% and T clothes moth. 551, 725, 733, 849, 1045, 1175, 1361P.
- 1218-1380.  
Sodium selenite;  $\text{Na}_2\text{SeO}_3$ .  
T as mothproofing agent. 423P, 849, 1175, 1412.
- 1218-1384.  
Sodium silicate;  $\text{Na}_2\text{Si}_2\text{O}_5$ ? (Silicate of soda; sodium tetrasilicate; soluble glass; waterglass).  
T as mothproofing agent; NT *Orthopodomyia signifer*. 40P, 895, 1176.
- 1218-1389.  
Sodium sulphate;  $\text{Na}_2\text{SO}_4$ . (Glauber salts; salt cake).  
T *Musca domestica* and as mothproofing agent; NT clothes moth (739). 319P, 331P, 332P, 333P, 411P, 739, 823P, 936P, 1012, 1176, 1176, 1216P, 1257P.
- 1218-1389.  
Sodium hydrogen sulphate;  $\text{NaHSO}_4$ . (Sodium bisulphate).  
T as mothproofing agent. 412P, 1175, 1176, 1258P.
- 1218-1392.  
Sodium hydrosulphide;  $\text{NaHS}$ .  
T as mothproofing agent. 953P, 1179.
- 1218-1392.  
Sodium sulfide;  $\text{Na}_2\text{S}$ .  
T *Lucilia cuprina* larvae and 29-51% T *Lucilia sericata* larvae; NT *Melanoplus m. mexicanus*. 723, 849, 1150.
- 1218-1393.  
Sodium sulphite;  $\text{Na}_2\text{SO}_3$ .  
T *Lucilia cuprina* and *Phaenicia agonus* larvae. 849, 1396.
- 1218-1396.  
Sodium bisulphite;  $\text{Na}_2\text{S}_2\text{O}_5$ .  
NT *Orthopodomyia signifer*. 895.
- 1218-1405.  
Sodium thiocyanate;  $\text{NaSCN}$ .  
ST codling moth larvae; NT *Melanoplus m. mexicanus*. 929, 930, 1150, 1432.
- 1218-1415.  
Sodium thiocarbonate;  $\text{Na}_2\text{CS}_3 \cdot \text{H}_2\text{O}$ . (Sodium sulfo-carbonate).  
NT wireworms. 1093, 1396.
- 1218-1420.  
Sodium tungstate;  $\text{Na}_2\text{WO}_4$ . (Sodium wolframate).  
T *Lucilia cuprina* larvae at 0.1% and T as mothproofing agent. 40P, 849, 1176.
- 1218-1450.  
Sodium salts, CU.  
T as mothproofing agent. 823P, 1176.
- 1220-1270.  
Strontium borate;  $\text{Sr}(\text{BO}_2)_2$ .  
NT codling moth. 915.
- 1220-1291.  
Strontium chloride;  $\text{SrCl}_2$ .  
T as mothproofing agent. 422P, 430P, 866P, 1175.
- 1220-1312.  
Strontium fluoride;  $\text{SrF}_2$ .  
ST Colorado potato beetle and codling moth. 895, 915.
- 1220-1341.  
Strontium nitrate;  $\text{Sr}(\text{NO}_3)_2$ .  
T as mothproofing agent. 422P, 430P, 866P, 1175.
- 1220-1450.  
Strontium compounds, CU.  
T as mothproofing agent. 422P, 430P, 869P, 1175.
1222.  
Sulphur S. (Brimstone).  
T many species of insects and T as mothproofing agent (489P); NT clothes moth. 42, 489P, 764, 935P, 1024, 1124P, 1156, 1176, 1268, 1508.
- 1222-1291.  
Sulphur chloride;  $\text{SCl}_2$ .  
T as mothproofing agent. 459P, 1176.
- 1222-1292.  
Thionyl chloride;  $\text{SOCl}_2$ .  
100% T rice weevil. 1180.
- 1222-1350.  
Sulfur dioxide;  $\text{SO}_2$ .  
ST *Chrysomphalus aurantii*. 208.
- 1228-1389.  
Thallium sulphate;  $\text{Tl}_2\text{SO}_4$ .  
T many species of insects when used in poison baits; NT Mediterranean fruit fly. 963, 1030, 1107.
- 1228-1450.  
Thallium salts, CU.  
T as mothproofing agent. 399P, 745P, 780P, 781P, 782P, 975P, 976P, 978P, 1175, 1176.
- 1230-1450.  
Thorium salts, CU.  
T as mothproofing agent; NT clothes moth (739). 739, 745P, 756P, 758P, 780P, 781P, 782P, 975P, 976P, 978P, 1175, 1176.
- 1234-1291.  
Stannous chloride;  $\text{SnCl}_2$ .  
T Mediterranean fruit fly; NT *Melanoplus m. mexicanus*. 963, 1150.
- 1234-1450.  
Tin salts, CU.  
T as mothproofing agent. 359P, 433P, 463P, 1175, 1176.
- 1236-1312.  
Titanium fluoride;  $\text{TiF}_3$ ?  
T as mothproofing agent. 936P, 1175.
- 1236-1450.  
Titanium salts, CU.  
T as mothproofing agent. 327P, 329P, 337P, 745P, 780P, 781P, 782P, 938P, 975P, 976P, 978P, 1166P, 1167P, 1176, 1179.
- 1240-1450.  
Uranium salts, CU.  
T as mothproofing agent. 745P, 756P, 781P, 976P, 978P, 978P, 1175, 1176.
- 1243-1450.  
Yttrium salts, CU.  
T as mothproofing agent. 780P, 781P, 782P, 1176.

- 1244-1254.  
Zinc arsenate;  $Zn_3(AsO_4)_2$ ?  
T as soil treatment and MT *Popillia japonica*. 493A.
- 1244-1255.  
Zinc metaarsenate;  $Zn(AsO_3)_2$ .  
Used to treat building material termite proof. 1179, 1367P.
- 1244-1260.  
Zinc arsenite;  $Zn(AsO_2)_2$ .  
T *Melanoplus m. mexicanus* and many species of insects. 1150.
- 1244-1270.  
Zinc borate;  $Zn(BO_2)_2$ .  
ST codling moth. 915.
- 1244-1286.  
Zinc carbonate;  $Zn(CO_3)_2$ .  
ST codling moth. 915.
- 1244-1291.  
Zinc chloride;  $ZnCl_2$ .  
T Mediterranean fruit fly. 262A, 963.
- 1244-1303.  
Zinc cyanide;  $Zn(CN)_2$ .  
20% T Colorado potato beetle and Mexican bean beetle and T *Malacosoma americana*; NT codling moth. 606, 915, 1008, 1150.
- 1244-1311.  
Zinc fluoroborate;  $Zn(BF_4)_2$ ?  
ST codling moth. 915.
- 1244-1312.  
Zinc fluoride;  $ZnF_2$ .  
T *Malacosoma americana* and as mothproofing agent. 327P, 329P, 337P, 397P, 936P, 938P, 978P, 983P, 1008, 1175, 1176, 1416P, 1417P.
- 1244-1313.  
Zinc fluosilicate;  $ZnSiF_6$ . (Zinc silicofluoride).  
T as mothproofing agent. 120A, 978P, 983P, 1176.
- 1244-1314.  
Zinc fluosulphonate;  $Zn(FSO_3)_2$ .  
T as mothproofing agent. 339P, 1167P, 1176, 1416P.
- 1244-1345.  
Zinc nitroprusside;  $ZnFe(CN)_6(NO)$ .  
NT *Malacosoma americana*. 1008.
- 1244-1362.  
Zinc phosphide;  $Zn_3P_2$ .  
T *Curtilia gryllotalpa* and grasshoppers. 893A, 1154.
- 1244-1389.  
Zinc sulphate;  $ZnSO_4$ . (Salt of vitriol; white cop-pers; white vitriol).  
T *Lucilia cuprina*, *L. sericata*, *Calliphora stygia*, and as mothproofing agent; NT codling moth. 327P, 339P, 849, 915, 918, 936P, 938P, 975P, 978P, 982P, 983P, 1164P, 1175, 1176, 1416P, 1417P.
- 1244-1450.  
Zinc salts, CU.  
T as mothproofing agent. 823P, 1166P, 1176, 1179.
- 1245-1450.  
Zirconium salts, CU.  
T as mothproofing agent. 780P, 781P, 782P, 945P, 975P, 976P, 978P, 1176.
1246.  
Rare earths.  
T as mothproofing agent. 780P, 781P, 1176.
- 1246-1312.  
Fluorides, soluble, CU.  
T as mothproofing agent. 585P, 1179.
- 1246-1312.  
Fluorides, CU.  
T as mothproofing agent; NT clothes moth (739). 43, 44, 45, 339P, 467P, 739, 945P, 975P, 976P, 978P, 979P, 982P, 983P, 1176.
- 1246-1312.  
Acid fluorides, CU. (Hydrofluoric acid salts).  
T clothes moth. 1359P.
- 1246-1312.  
Fluorine compounds, CU.  
T as mothproofing agent. 642P, 1175, 1357P.
- 1246-1313.  
Fluosilicates, CU. (Silicofluorides).  
T as mothproofing agent. 192P, 585P, 975P, 978P, 982P, 983P, 984P, 1176, 1179.
- 1246-1378.  
Alkali polyselenides, CU;  $A(Se)_x$ .  
T red spider. 562P, 563P.
- 1246-1389.  
Sulphates, alkali metal, CU.  
T as mothproofing agent. 975P, 982P, 1176.
- 1246-1450.  
Radioactive metals, water soluble salts of, CU.  
T as mothproofing agent. 758P, 1176.
- 1246-1450.  
Rare earth metals, water soluble salts of.  
T as mothproofing agent. 758P, 1176.
1250.  
Aluminates, aryl, CU. 186P.
1252.  
Antimonic acid, CU;  $HSbO_3$ ?  
T as mothproofing agent; NT *Orthopodomyia signifer*. 327P, 895, 938P, 1176.
1270.  
Boric acid;  $H_3BO_3$ .  
93-100% T *Lucilia sericata* larvae, T *L. cuprina* larvae at 0.1%, T fleece worms of sheep, cockroaches, housefly eggs, and as mothproofing agent; NT *Orthopodomyia signifer*. 723, 849, 895, 918, 956, 1144, 1166, 1179, 1268.
1276.  
Hydrobromic acid; HBr.  
T as mothproofing agent. 867P, 1175, 1179, 1282P.
1276.  
Bromine; Br.  
Used to improve toxicity of gaseous Cr compounds. 855P.
1289.  
Perchloric acid;  $HClO_4$ .  
T as mothproofing agent. 867P, 1175.
1291.  
Hydrochloric acid; HCl. (Hydrogen chloride).  
T clothes moth; NT red scale, wireworms, and *Orthopodomyia signifer*. 175, 268, 660, 867P, 895, 1175, 1396.
1291.  
Chlorine;  $Cl_2$ .  
T as mothproofing agent; NT Angoumois grain moth. 612, 855P, 1176, 1231P.
1303.  
Hydrocyanic acid; HCN.  
T many insects as fumigant and T as mothproofing agent. 82, 411P, 425P, 867P, 1049, 1175, 1364, 1399P.
- 1303-1302.  
Thiocyanic acid, cyanogen ester;  $(CN)_2S$ . (Cyanogen sulphide; cyanogen thiocyanate).  
NT *Sitophilus oryzae*, *S. granarius*, *Tribolium confusum*, and *Plodia*. 1042, 1178.
1311.  
Fluoboric acid;  $HBPF_4$ .  
T as mothproofing agent. 423P, 938P, 1175, 1176, 1241P, 1400P.
1312.  
Hydrofluoric acid; HF.  
T *Orthopodomyia signifer*, grain weevil, bedbugs, and as mothproofing agent; NT clothes moth (739). 327P, 329P, 337P, 339P, 423P, 461P, 739, 867P, 894, 895, 936P, 938P, 1175, 1176.
- 1312-1340.  
Fluoxymolybdic acid. (Fluomolybdic acid; molybdic hydrofluoric acid).  
T as mothproofing agent. 838P, 1176.
1313.  
Hydrofluosilicic acid;  $H_2SiF_6$ . (Hydrogen silicofluoride; hydrosilicofluoric acid; sand acid; silicofluoric acid, Montannin).  
HT grain weevil, bean weevil, and bedbugs; T *Orthopodomyia signifer* and as mothproofing agent. 327P, 329P, 334P, 339P, 421P, 423P, 456P, 582, 867P, 894, 895, 938P, 1175, 1176, 1179, 1359P.
1314.  
Fluosulphonic acid;  $HSO_3F$ .  
T as mothproofing agent. 823P, 1176.
1315.  
Fluotitanic acid;  $H_2TiF_6$ . (Titanium hydrofluoric acid).  
T as mothproofing agent. 327P, 339P, 456P, 936P, 938P, 1175, 1176, 1179, 1359P.
1333.  
Hydriodic acid; HI.  
T as mothproofing agent. 867P, 1175.
1333.  
Iodine;  $I_2$ .  
T *Lucilia cuprina* larvae at 0.1%. 849.

1340.  
Molybdic acid;  $H_2MoO_4$ .  
T as mothproofing agent. 327P, 329P, 336P, 1176.
1341.  
Nitric acid;  $HNO_3$ . (Azotic acid; acidum nitricum; aqua fortis; hydrogen nitrate; hydrogenii nitras).  
T as mothproofing agent; NT wireworms, tobacco worm moth, and NT clothes moth (739). 175, 327P, 335P, 553, 660, 739, 1176, 1396.
1350.  
Oxygen;  $O_2$ .  
NT *Chrysomphalus aurantii* and housefly larvae. 268, 1012.
1350.  
Ozone;  $O_3$ .  
Fumigant against flour weevil. 1144.
1351.  
Hydrogen peroxide;  $H_2O_2$ .  
T as mothproofing agent. 278P, 279P, 855P, 1175.
1356.  
Phosphoric acid;  $H_3PO_4$ .  
T as mothproofing agent; NT wireworms. 690, 867P, 1175, 1396.
1362.  
Phosphine;  $PH_3$ .  
T various insects; NT red scale. 268, 830A.
1367.  
Phosphomolybdic acid;  $H_5Mo_{12}O_{40} \cdot 29H_2O$ .  
T as mothproofing agent. 333P, 867P, 1175, 1176.
1368.  
Phosphotungstic acid;  $H_5PW_{12}O_{40} \cdot 14H_2O$ . (Phospho-wolframic acid).  
T as mothproofing agent. 327P, 329P, 335P, 339P, 867P, 1175, 1176.
1376.  
Selenic acid;  $H_2SeO_4$ .  
T as mothproofing agent. 410P, 679P, 1175, 1359P.
1378.  
Hydrogen selenide;  $H_2Se$ .  
T mites. 725.
1380.  
Selenious acid;  $H_2SeO_3$ .  
T as mothproofing agent. 419P, 423P, 429P, 679P, 1175, 1359P, 1391P.
1384.  
Silicic acid, colloidal.  
T as mothproofing agent. 327P, 329P, 336P, 1176.
1388.  
Stannic acid;  $H_2SnO_4$ ?  
T as mothproofing agent; NT clothes moth (739). 327P, 329P, 336P, 739, 1176.
1389.  
Sulphuric acid;  $H_2SO_4$ . (Hydrogen sulphate; oil of vitriol).  
T as mothproofing agent; NT tobacco worm moth, wireworms, grasshoppers, and NT clothes moth (739, 985). 175, 245P, 327P, 331P, 332P, 334P, 335P, 336P, 337P, 339P, 464P, 503, 553, 623, 660, 739, 867P, 938P, 938P, 985, 1175, 1176, 1396.
1392.  
Hydrogen sulfide;  $H_2S$ .  
T *Chrysomphalus aurantii*. 268.
1394.  
Hydrosulphite, CU.  
T as mothproofing agent. 1026, 1175, 1176, 1293P.
1405.  
Thiocyanic acid; HSCN.  
T as mothproofing agent. 867P, 1175.
1405.  
Thiocyanogen;  $(SCN)_2$ .  
90% T *Carpocapsa pomonella* larvae, T mosquito larvae, and *Piesma quadrata*. 487, 1291, 1473P.
1416.  
Titanic acid;  $Ti(OH)_4 \cdot xH_2O$ .  
T as mothproofing agent. 329P, 336P, 1176.
1420.  
Tungstic acid;  $H_2WO_4$ . (Orthotungstic acid; wolframic acid).  
T as mothproofing agent; NT clothes moth (739). 327P, 329P, 336P, 739, 1176.
1426.  
Uranic acid;  $H_2UO_4$ .  
T as mothproofing agent. 327P, 329P, 336P, 1176.



# CONDENSATION PRODUCTS

Acetic acid, thiocyno-, ester of a formaldehyde-allo-oimene. (Thiocyanacetate of an alcohol which is the product of a condensation of formaldehyde with allo-oimene).

Fly spray, 99P, 112.

Acetic acid, thiocyno-, ester of a formaldehyde-pinene. (Thiocyanacetate of an alcohol which is the product of condensation of formaldehyde with pinene).

Fly spray, 99P, 112.

Acetic acid, thiocyno-, ester of a hydrogenated formaldehyde-dipentene. (Thiocyanacetate of an alcohol which is the hydrogenated product of condensation of formaldehyde with dipentene).

Fly spray, 99P, 112.

Acetic acid, thiocyno-, ester of reduced allo-oimene-crotonaldehyde.

Fly spray, 98P, 112.

Acetophenone,  $\alpha$ -bromo-, with alkali thiocyanate. 1178, 1248P.

Acetophenone,  $\alpha$ -bromo- $p$ -chloro-, with alkali metal thiocyanate. 1178, 1248P.

Acetophenone,  $\alpha$ -bromo-3,4-dihydroxy-, with alkali metal thiocyanate. 1178, 1248P.

Alcohol, monohydric aliphatic, with alkali metal sulfates. 1283P.

Amines, amyl-, with a dihalogenated pentane. 1492P.

Anisole, 2-amino-, diazotized. 369P.

Anthracene, amino-, with hydrofluosilicic acid. 1225P.

Benzaldehyde,  $p$ -chloro-, with 5-chloro- $o$ -cresol. 1179, 1456P.

Benzenesulfonic acid, 4-chloro-2-formyl-, with  $p$ -chlorophenol. 451P, 1179.

Benzenesulfonic acid, 5-chloro-2-formyl-, with chlorophenol. 451P, 1179.

Benzenesulfonic acid, chloro- $o$ -formyl-, with  $p$ -chlorophenol.

T as mothproofing agent. 451P, 1179.

Benzenesulfonic acid, chloro- $o$ -formyl-, with chlorophenol.

T as mothproofing agent. 443P, 1179.

Benzenesulfonic acid,  $o$ -formyl-, chlorinated, with 2,4-dichlorophenol.

T as mothproofing agent. 443P, 1179.

Benzenesulfonic acid,  $o$ -formyl-, with 5-chloro- $o$ -cresol.

T as mothproofing agent. 443P, 1179, 1459P.

Benzenesulfonic acid,  $o$ -formyl-, with 6-chloro-2-cresol.

T as mothproofing agent. 433P, 1179, 1459P.

Benzenesulfonic acid,  $o$ -formyl-, with  $p$ -cresol.

T as mothproofing agent. 426P, 435P, 1179.

Benzenesulfonic acid,  $p$ -formyl-, with a cresol.

T as mothproofing agent. 1179, 1454P.

Benzenesulfonic acid,  $o$ -formyl-, with  $m$ -chloroguaiacol.

T as mothproofing agent. 1179, 1459P.

Benzenesulfonic acid,  $o$ -formyl-, with  $m$ -chlorophenol.

T as mothproofing agent. 1179, 1459P.

Benzenesulfonic acid,  $o$ -formyl-, with  $p$ -chlorophenol, brominated.

T as mothproofing agent. 455P, 1179.

Benzenesulfonic acid,  $p$ -formyl-, with 4,6-dichloro- $o$ -cresol.

T as mothproofing agent. 439P, 1179.

Benzenesulfonic acid,  $o$ -formyl-, with a hydroxynaphthoxy aliphatic or cycloaliphatic alcohol.

T as mothproofing agent. 447P, 1179.

Benzenesulfonic acid,  $o$ -formyl-, with a hydroxyphenoxy aliphatic or cycloaliphatic alcohol.

T as mothproofing agent. 447P, 1179.

Benzenesulfonic acid,  $p$ -formyl-, sodium salt, with  $m$ - and  $p$ -cresols.

T as mothproofing agent. 439P, 449P, 1179, 1454P.

Benzenesulfonic acid,  $o$ -formyl-, sodium salt, with  $m$ -chloroguaiacol.

T as mothproofing agent. 448P, 1179.

Benzenesulfonic acid,  $o$ -formyl-, sodium salt, with 2,5-dibromophenol.

T as mothproofing agent. 448P, 1179, 1459P.

Benzenesulfonic acid,  $o$ -formyl-, sodium salt, with 2,5-dichlorophenol.

T as mothproofing agent. 448P, 1179, 1459P.

Benzoic acid, 2-bromoacetyl-, with an alkali thiocyanate. 1178, 1248P.

Benzyl alcohol, 3,5-dichloro-2-hydroxy-, with  $p$ -chlorophenol; sulfonated.

T as mothproofing agent. 444P, 1179.

Biphenyl-, amino-, with hydrofluosilicic acid. 1225P.

Biuret, substituted.

T as mothproofing agent. 1013P.

Boron trifluoride, with ketones.

T as mothproofing agent. 1179, 1243P.

1,3-Butadiene, 2,3-dimethyl-7 with  $\text{NH}_3$  etc. (Methylisoprene, with  $\text{NH}_3$  etc.). 373P.

2-Butanone, 1,1-dichloro-, with alkali metal thiocyanate. ( $\alpha,\alpha$ -Dichloromethylethyl-ketone, with alkali metal thiocyanate). 1178, 1248P.

2-Butanone, 1,3-dichloro-, with sodium thiocyanate, CU. 1178, 1248P.

2-Butanone, 1,4-dichloro-, with alkali metal thiocyanate. ( $\alpha,\beta$ -Dichloromethylethyl ketone, with alkali metal thiocyanate). 1178, 1248P.

$n$ -Butyric acid,  $\alpha$ -thiocyno-, ester of allo-oimene-formaldehyde alcohol. ( $\alpha$ -Thiocyno- $n$ -butyrate of the allo-oimene formaldehyde alcohol).

Fly spray, 112.

Butyric acid,  $\alpha$ -thiocyno-, ester of a hydrogenated formaldehyde-dipentene. ( $\alpha$ -Thiocyanobutyrate of an alcohol which is the hydrogenated product of condensation of formaldehyde with dipentene).

Fly spray, 99P, 112.

Butyric acid, thiocyno-, ester of reduced allo-oimene crotonaldehyde.

Fly spray, 98P, 112.

Camphor, chloro-, with alkali metal thiocyanate. 1178, 1248P.

Chloral, with phenol.

T as mothproofing agent. 458P, 1179.

Condensation products, unspecified.

T as mothproofing agent. 405P, 410P, 436P, 1175, 1362P, 1393P.

Copper arsenate complex. 274P.

$o$ -Cresol, 3-chloro-, with formaldehyde. (1-Methyl-2-hydroxy-6-chlorobenzene, with formaldehyde).

T as mothproofing agent. 448P, 1179.

$o$ -Cresol, 5-chloro-, with formaldehyde.

T as mothproofing agent. 448P, 1179.

$o$ -Cresol, 6-chloro-, with formaldehyde.

T as mothproofing agent. 438P, 1179, 1459P.

$p$ -Cresol, with formaldehyde.

T as mothproofing agent. 438P, 1179.

$p$ -Cresol, 2,6-bis(hydroxymethyl)-, with 4-chloro-1-naphthol.

T as mothproofing agent. 454P, 1179.

Cyclohexanone, bromomethyl-, with alkali thiocyanate. 1178, 1248P.

Cyclohexanone, dichloro-, CU, with alkali metal thiocyanate. 1178, 1248P.

Ether, chloroethyl-, with  $N,N$ -alkyl-acyl-cyclohexylamine.

Fly spray, 112, 147P.

Ethylenediamine, with furfural. 291P.

Guadinine, substituted.

T as mothproofing agents. 1013P.

Polyglycerol, with monobasic aliphatic acids and cycloaliphatic acids.

Fly spray, 112, 147P.

Iastin sulfonic acid, with phenols and their homologs.

T as mothproofing agent. 532P, 1179.

- Isatin sulfonic acid, *N*-benzyl-, with amylphenol. 527P.  
Isatin sulfonic acid, *N*-benzyl-, with 6-chloro-*m*-cresol. 527P.  
Isatin sulfonic acid, *N*-benzyl-, with thymol. 527P.  
Isatin sulfonic acid, *N*-(*o*-chlorobenzyl)-, with 6-chloro-*m*-cresol. 527P.  
Isatin sulfonic acid, *N*-(*o*-chlorobenzyl)-, with thymol. 527P.  
Isatin-5-sulfonic acid, with amyl-*o*-chlorophenol. 527P.  
Isatin-5-sulfonic acid, with amylcresol.  
T as mothproofing agent. 532P, 538P, 1179.  
Isatin-5-sulfonic acid, with amylphenol.  
T as mothproofing agent. 532P, 1179.  
Isatin-5-sulfonic acid, with *tert*-amylphenol.  
T as mothproofing agent. 539P, 1179.  
Isatin-5-sulfonic acid, with 6-chloro-*m*-cresol.  
T as mothproofing agent. 532P, 537P, 1179.  
Isatin-5-sulfonic acid, with *p*-chlorophenol.  
T as mothproofing agent. 532P, 535P, 1179.  
Isatin-5-sulfonic acid, with 2,4-dichlorophenol.  
T as mothproofing agent. 73P, 532P, 536P, 1179.  
Isatin-5-sulfonic acid, with thymol.  
T as mothproofing agent. 532P, 534P, 1179.  
Isatin-5-sulfonic acid, 6-chloro-, with *p*-chlorophenol. 72P, 527P.  
Isatin-5-sulfonic acid, *N*-hydroxyethyl-, with amylcresol. 527P.  
Isatin-5-sulfonic acid, *N*-hydroxyethyl-, with 6-chloro-*m*-cresol. 527P.  
Ketone, isovaleryl-, bromo-, with alkali thiocyanate, CU, 1178, 1248P.  
Linoleic acid, selenium tetrachloride compound.  
T as mothproofing agent. 429P, 1175.  
Mesityl oxide, trichloro-, with alkali metal thiocyanate. 1178, 1248P.  
Mesityl oxide, trichloro-, 5-bromo-, with alkali metal thiocyanate. 1178, 1248P.  
Morpholine, with a phenol and formaldehyde. 142P.  
Morpholine, with chinawood oil fatty acids, CU.  
Fly spray, 112, 1224P.  
Morpholine, with soybean oil fatty acids, CU.  
Fly spray, 112, 1224P.  
Naphthalene, amino-, with hydrofluosilicic acid. 1225P.  
2-Naphthol, with chromium oxide and formaldehyde. 178P, 1432.  
2-Naphthol, with formaldehyde and mercury oxide. 178P, 1432.  
Naphthol, formyl-, with *p*-chlorophenol.  
T as mothproofing agent. 458P, 1179.  
2-Pentanone, dichloro-4-hydroxy-4-methyl-, with alkali thiocyanate, CU, 1178, 1248P.  
2-Pentanone, 4-hydroxy-4-methyl-, with alkali metal thiocyanate. (Dichlorodiacetonealcohol, with alkali metal thiocyanates). 1178, 1248P.  
Phenol, with formaldehyde and urea. (Phenol or a substitution product or homologue thereof with formaldehyde and urea and subsequent sulphonation of the resinous intermediate product in presence of phenol or a substitution product or homologue thereof).  
T as mothproofing agent. 531P, 533P, 1179.  
Phenol, *p*-bromo-, with acetaldehyde.  
T *Anthrenus vorax* and *Dermeestes* on textiles. 469P, 1176.  
Phenol, *p*-bromo-, with aldehydes.  
T as mothproofing agent. 458P, 1179.  
Phenol, *p*-chloro-, with acetaldehyde.  
T *Anthrenus vorax* and *Dermeestes* on textiles. 469P, 1176.  
Phenol, *p*-chloro- or its substitution products, with an aldehyde.  
T as mothproofing agent. 458P, 1179.  
Phenol, *p*-chloro-, with formaldehyde; sulfonated.  
T as mothproofing agent. 441P, 452P, 1179.  
Phenol, chloro-, with formaldehyde and urea, sulfonated. (3 Per cent of sulphuric acid and 3 per cent of a sulfonic acid obtained by condensing commercial chlorophenol, urea, and formaldehyde).  
T as mothproofing agent. 531P, 1179.  
Phenol, 4-chloro-2,6-bis(hydroxymethyl)-, with *p*-cresol.  
T as mothproofing agent. 453P, 1179.  
Phenol, 4-chloro-2,4-bis(hydroxymethyl)-, with 2-naphthol.  
T as mothproofing agent. 453P, 1179.  
Phenol, 2,6-dibromo-, with formaldehyde.  
T as mothproofing agent. 448P, 1179.  
Phenolsulfonic acids, with formaldehyde, substituted. (Hydroxydiarylsulfonic acids). 83P.  
Phenolsulfonic acid, chloro-, with benzaldehyde, sulfonated.  
T as mothproofing agent. 444P, 452P, 1179.  
Phorone, chlorinated, with alkali metal thiocyanate. 1178, 1248P.  
Phosphine oxide, triaryl-, with phenol.  
T as mothproofing agent. 441P, 1179.  
Phosphine oxide, triphenyl-, with *p*-hydroxybenzaldehyde.  
T as mothproofing agent. 441P, 1179.  
Piperidine, 2-methyl-, with carbon disulphide.  
75% T aphids. 1178, 1405P.  
2-Propanone, 1-chloro-, with KSCN. 1178, 1248P.  
Propionic acid,  $\alpha$ -thiocyano-, ester of a formaldehyde-alloimene. ( $\alpha$ -Thiocyanopropionate of an alcohol which is the product of condensation of formaldehyde with allo-imene).  
Fly spray. 99P, 112.  
Propionic acid,  $\alpha$ -thiocyano-, ester of a formaldehyde-pinene. ( $\alpha$ -Thiocyanopropionate of an alcohol which is the product of condensation of formaldehyde with pinene).  
Fly spray. 99P, 112.  
Propionic acid, thiocyano-, ester of an formaldehyde-dipentene. (Thiocyanopropionate of an alcohol which is the product of condensation of formaldehyde with dipentene).  
Fly spray. 99P, 112.  
Propionic acid, thiocyano-, ester of reduced allo-ocimene crotonaldehyde.  
Fly spray. 98P, 112.  
Pyrazolone, chloro-, with alkali thiocyanate, CU, 1178, 1248P.  
Thiocyanosoyl esters of reduced allo-ocimene-crotonaldehyde.  
Fly spray. 98P, 112.  
Thiocyanosoyl esters of terpene-formaldehyde.  
Fly spray. 99P, 112.  
 $\alpha$ -Toluenesulfonic acid, dichloro-, with 2-naphthol. ( $\beta$ -Naphthol and dichloro-benzyl- $\alpha$ -sulfonic acid).  
T as mothproofing agent. 1179, 1394P.  
Toluene,  $\alpha$ ,2,4,5-tetrachloro-, with *p*-chlorophenol, brominated.  
T as mothproofing agent. 455P, 1179.  
Toluene,  $\alpha$ ,*ar*-tetrachloro-, with 2-naphthol, etc. ( $\beta$ -Naphthol and trichlorobenzylchloride or another ester or ether of trichlorobenzyl alcohol in concentrated sulphuric acid with the addition of chlorosulphonic acid).  
T as mothproofing agent. 1179, 1394P.  
2-Toluidine, 5-chloro-, diazotized, with aminomethylsulfurous acid. 375P.  
2-Toluidine, 5-chloro-, diazotized, with iminodimethylsulfurous acid. 375P.  
2-Toluidine, 5-chloro-, diazotized, with hexahydroaniline and acetaldehydebisulfite. 375P.  
2-Toluidine, 6-chloro-, diazotized, with methylaminoacetaldehydebisulfite. 375P.  
2-Toluidine, 5-nitro-, diazotized, with methylaminoethylsulfurous acid. 375P.  
Toluidine, 4-chloro-, diazotized, with methylamino-methylsulfurous acid. 375P.  
Toluidine, anilino-, diazotized, with methylamino-methylsulfurous acid. 375P.  
Urea, substituted.  
T as mothproofing agent. 1013P.  
Ureas, guanyl-, substituted.  
T as mothproofing agents. 1013P.

# MISCELLANEOUS INSECTICIDES

- Acetals. (Derived from an aldehyde having from 1 to 7 carbon atoms and an alcohol which contains a thiocyanogroup and an ether oxygen atom). 710P.
- Acetic acid, thiocyan-, esters of n-amyl ethers of  $\beta$ -pinene.
- Fly spray. 92P, 112.
- Acetic acid, thiocyan-, terpinylethylene glycol ester.
- Fly spray. 112, 652P.
- Acetic acid, thiocyan-, terpinylglycerol ester. (Thiocyanacetate of terpinyl glycerol ether).
- Fly spray. 112, 652P.
- Acetone amidoquinoline.
- NT *Pieris rapae*. 635.
- Aconitine sulphate, (exact constitution not determined. (Alkaloid of *Aconitum napellus* Linn., (monkshead)).
- T *Aphis rumicis*. 1152.
- Acylated 4-aminoarylsulfonyl halides. 783P.
- Air.
- T as mothproofing agent. 585P, 1179.
- Albumin, egg.
- Mothproofing agent. 757P, 1179.
- Alizarine saphirol SE.
- T as mothproofing agent. 412P, 461P, 465P, 1175, 1176, 1356P.
- Alkaloids from lupinus, (especially *L. albus angustifolius*, *luteus*, *niger*, and *perennis*) seeds.
- T as mothproofing agent. 1176, 1261P.
- Alkoxy carboxylic esters. 997P.
- Alkoxy compounds. 590P.
- Alolin. (Barbaloin; mixture of crystalline pentosides from aloe).
- NT clothes moths. 739, 1176.
- Ammonium chloride, dipyrindine ethylene.
- MT *Aphis rumicis*. 1151.
- Anthracene. (Anthracene oil, anthracin, paranaphthalene).
- T as mothproofing agent; NT clothes moths (739). 331P, 739, 1176.
- Anthracene pitch sulphonic acids.
- T clothes moths and as aphicide. 372P, 1175.
- Ariabotrine.
- NT aphids. 1143.
- Beef extract.
- NT *Culex pipiens*. 1012.
- Bentonite.
- T as mothproofing agent; ST spotted cucumber beetle. 756P, 1147, 1175.
- Benzimidazole, 2-(D-glucose-D-glucoseheptahydroxyhexyl)-.
- NT *Culex quinquefasciatus*. 157.
- Benzine, see gasoline.
- Bile salts.
- T as mothproofing agent. 585P, 1179.
- Bi-pseudo-cumenyl?
- T as mothproofing agent. 1175, 1461P.
- Bordeaux mixture, see copper sulfates, basic, 1142-1350-1389.
- Bran decoction.
- T Mediterranean fruit fly. 153A.
- $C_{12}H_{14}O$ . (A compound crystallized from benzene in large crystals, melting at 114-115° C. and obtainable as a by-product in the manufacture of thymol from meta-cresol.) 1430P.
- Cantharidin. 1264P.
- Casein.
- T as mothproofing and mildewproofing agents; attractant for *Culex pipiens*. 756P, 758P, 1012, 1175, 1176.
- Cellulose.
- T as mothproofing agent. 953P, 1179.
- Cellulose, acetylated.
- T as mothproofing agent. 953P, 1179, 1395P.
- Cellulose xanthate, sodium salt.
- T as mothproofing agent. 953P, 1179.
- Civet.
- ST cutworms. 1012.
- Chlorophenol mercury.
- T *Sitotroga cerealella*. 718.
- Clay, China.
- 100% T *Calandra granaria*. 541.
- Clay, China, sulfonic acid. 838P, 1432.
- Clay, liquid, paste.
- T *Hyalobius abietis*. 944A.
- Colloidion.
- T as mothproofing agent. 953P, 1179.
- Corn syrup.
- ST cutworms. 1012.
- Cottonseed oil acids, chlorinated, cerium salts of.
- T as mothproofing agent. 780P, 781P, 782P, 1176.
- Cottrell dust. 1302.
- Cresidine.
- T screwworms at 0.33-0.67%. 156.
- Cresote, coal-tar.
- T as mothproofing agent. 842P, 1024, 1176, 1179, 1367P.
- Cresote, wood-tar.
- T as mothproofing agent. 1176, 1179, 1213AP, 1490P.
- Curare.
- T *Aphis rumicis*. 1152.
- Diphenols, substituted. 226P.
- Fats.
- T as mothproofing agent. 1137P, 1175.
- Flint, ground.
- NT cockroaches. 1208.
- Flour paste.
- T red spider and young hop aphids; ST mature hop aphids. 1050B.
- Flour, wheat.
- NT cockroaches. 922, 1208.
- Fluocilicates of crude coal tar bases. 1225P.
- Fuller's earth.
- NT cockroaches. 1268.
- Gall. 512P.
- Gas, illuminating.
- NT greenhouse insects. 1041.
- Gasoline. (Petrol; benzine; motor spirit; petroleum naphtha).
- T ticks and as mothproofing agent; ST *Chrysomphalus auranti*; NT clothes moths (66). 5P, 26, 42, 66, 192P, 268, 464P, 474P, 739, 926P, 927P, 1024, 1039P, 1077, 1167P, 1175, 1179, 1268, 1282P, 1310, 1341P.
- Glucose derivatives, methylglycoside. 254P.
- Gum arabic.
- ST Oriental peach moth. 1094.
- Halalkoxyhydroxy compounds.
- T as fly spray. 229P.
- Halonamines. 1200P.
- Halocaromatic compound. 146P, 149P, 150P.
- Halocarboxylic amides. 771P.
- Helmutol.
- NT Oriental peach moth. 508.
- Hydroxyamines. 310P.
- Kaolin.
- ST spotted cucumber beetle and tent caterpillar. 119, 1147.
- Kerosene ointment, (Kerosene plus lard and/or sulfur).
- T poultry lice. 247.
- Kerosene. (Astral oil; coal oil; paraffin oil).
- T chiggers, bedbugs, flies, mosquitoes, and many other insects; T as mothproofing agent; NT clothes moths (66). 29, 42, 66, 69P, 548, 745P, 1010A, 1024, 1025, 1176, 1268.
- Ketones. 792P.

- Kieselguhr.  
T as mothproofing agent. 397P, 432P, 871P, 1175, 1179.
- Lactic green.  
T Colorado potato beetle. 285.
- Leather. (Russian leather).  
T as mothproofing agent. 1077, 1176.
- Musk, artificial.  
ST cutworms. 1012.
- Naphthenic acids, copper salts. (Copper naphthenate).  
T Colorado potato and Mexican bean beetles. 606.
- Naphthenic acids, potassium salts. (Potassium naphthenate).  
ST coccids on citrus. 738A.
- Naphthenic acids, sodium salts. (Sodium naphthenate).  
ST coccids on citrus. 738A.
- Naphthenic acid, thiocyno-, bornyl esters.  
Fly spray. 101P, 112.
- Naphthenic acid, thiocyno-, fenchyl esters.  
Fly spray. 101P, 112.
- Naphthenic acid, thiocyno-, isobornyl esters.  
Fly spray. 101P, 112.
- Naphthenic acid, thiocyno-, pinene esters.  
Fly spray. 101P, 112.
- Naphthenic acid, thiocyno-, terpinyl esters.  
Fly spray. 101P, 112.
- Nitrophenol mercury.  
T *Sitotroga cerealella*. 718.
- Numoquin hydrochloride.  
NT *Tineola biselliella* and *Attagenus piceus*. 739.
- Oil, castor, sulfonated.  
ST red spider. 900, 1086, 1157, 1432, 1452.
- Oil, coal tar, chlorinated.  
T bedbugs. 1268.
- Oil, croton.  
T *Randotia menciae*. 500A.
- Oil, Dippel's. (Distilled from bones).  
T Oriental peach moth. 861.
- Oil, fuel.  
T powder post beetles, termites, and surface-breathing species of mosquito larvae. 26.
- Oils, hydrocarbon.  
T as mothproofing agent. 842P, 843P, 1024, 1176.
- Oils, from Jurassic shale of Bugey. 180.
- Oil, lubricating.  
Mixed with kerosene-pyrethrum, it will keep out flies known as eye gnats, when painted on window screens;  
T as mothproofing agent. 29, 273P, 1175.
- Oil, mineral. 26, 1062, 1063, 1130, 1330.
- Oil, paraffin.  
NT tobacco worm moths. 553.
- Oil, naphthenic base petroleum.  
ST *Aphis rumicis*. 1151.
- Oil, sperm.  
T as carrier. 558A.
- Oil of tar.  
NT *Culex pipiens*. 1012.
- Orcein. (exact constitution indefinite).  
NT mosquito larvae. 487.
- Organic base, compounds with mercury selenocyanide. 321P.
- Paint, luminous.  
T *Ceratitis capitata*. 32D.
- Petrol, see gasoline.
- Petrolatum.  
T *Phenacoccus gossypii*; T as mothproofing agent. 265, 756P, 1175.
- Petroleum naphtha, see gasoline.
- Petroleum sulfonates. 1446.
- Phosphine GN.  
NT clothes moths. 739, 1176.
- Phosphine RN.  
NT clothes moths. 739, 1176.
- Plaster, carbolicized.  
T plum curculio and codling moth. 247.
- Propionic acid, thiocyno-, terpinylethylene glycol ester.  
Fly spray. 92P, 112.
- Pyroligneous acid.  
T *Epitrix parvula*. 1012.
- Quassin.  
T aphids and as mothproofing agent. 1080B, 1179, 1282P.
- Rare earth elements, acetates of.  
T clothes moths. 767P, 1176.
- Rare earth elements, salts of.  
T clothes moths. 756P, 1175.
- Resin acid, cerium salts.  
T as mothproofing agent. 780P, 781P, 782P, 1137P, 1175, 1176.
- Resin acid, copper salts. (Copper resinate).  
ST *Malacosoma americana*. 119.
- Resin acid, didymium salts.  
T as mothproofing agent. 780P, 781P, 782P, 1137P, 1175.
- Resin acid, lanthanum salts.  
T as mothproofing agent. 780P, 781P, 782P, 1137P, 1175.
- Resin acid, lead salts. (Lead resinate).  
ST *Malacosoma americana* at 0.1%. 119.
- Resin acid, mercury salt. (Mercury resinate).  
NT *Malacosoma americana* at 0.1%. 119.
- Resin acid, sodium salt. (Sodium resinate).  
T as mothproofing agent. 833P, 1175.
- Resin acid, thallium salts.  
T as mothproofing agent. 780P, 781P, 782P, 1137P, 1175.
- Resin acid, thorium salts.  
T as mothproofing agent. 780P, 781P, 782P, 1137P, 1175.
- Resin acid, titanium salts.  
T as mothproofing agent. 780P, 781P, 782P, 1137P, 1175.
- Resin acid, uranium salts.  
T as mothproofing agent. 780P, 781P, 782P, 1137P, 1175.
- Resin acid, zinc salts. (Zinc resinate).  
NT *Malacosoma americana* at 0.1%. 119.
- Resin acid, zirconium salts.  
T as mothproofing agent. 780P, 781P, 782P, 1137P, 1175.
- Resins.  
T as mothproofing agent. 1137P, 1175.
- Road dust.  
NT cockroaches. 1268.
- Rosin.  
T termites. 1179, 1268, 1367P.
- Saponins.  
T as mothproofing agent. 585P, 1175, 1176, 1179, 1257P, 1258P, 1260P, 1261P, 1280.
- Silk, artificial.  
T as mothproofing agent. 953P, 1179.
- Soaps, alkaline earth.  
T as mothproofing agent. 103P, 1179.
- Soap, aluminum.  
T as mothproofing agent; NT clothes moths (739). 103P, 739, 1176, 1179.
- Soap, ammonium sulfon-. 53, 54, 1432.
- Soap, barium.  
T as mothproofing agent. 103P, 1179.
- Soap, benzene.  
T as mothproofing agent. 1167P, 1176.
- Soap, cadmium.  
T as mothproofing agent. 103P, 1179.
- Soap, calcium.  
T as mothproofing agent. 103P, 1179.
- Soap, castor oil.  
T various aphids. 1444A.
- Soap, chromium.  
T as mothproofing agent. 103P, 1179.
- Soap, cottonseed oil.  
T various aphids. 1444A.
- Soap, curd.  
T gnats. 1048P, 1179.
- Soap, green.  
T as mothproofing agent. 807P, 1179.
- Soap, linseed oil.  
T various aphids. 1444A.
- Soap, magnesium.  
T as mothproofing agent. 103P, 1179.
- Soap, mercury.  
T as mothproofing agent. 103P, 1179.
- Soap, olein.  
T various aphids. 1444A.
- Soap, olive oil.  
T as mothproofing agent. 1048P, 1179.
- Soap, palm oil.  
T various aphids. 1444A.
- Soap, potash.  
T as mothproofing agent. 1038P, 1176.



- Soap, rosin.  
T various aphids. 1444A.
- Soap, seal fat.  
T various aphids. 1444A.
- Soap, sodium dolphin-blubber.  
ST coccids on citrus. 738A.
- Soap, sodium sulfo-.  
Efficient spreading agent. 53, 1432.
- Soap, suet.  
T various aphids. 1444A.
- Soap, tar.  
T as mothproofing agent. 176P, 1175.
- Soap, strontium.  
T as mothproofing agent. 103P, 1179.
- Soap, thallium.  
T as mothproofing agent. 103P, 1179.
- Soap, thorium.  
T as mothproofing agent. 103P, 1179.
- Soap, titanium.  
T as mothproofing agent. 103P, 1179.
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T as mothproofing agent. 103P, 1179.
- Soap, whale oil.  
T various aphids. 1444A.
- Soap, zinc.  
T as mothproofing agent. 103P, 1179.
- Soap, zirconium.  
T as mothproofing agent. 103P, 1179.
- Spermacti. 558A.
- Sulfogene brown.  
73% T codling moth larvae. 1291.
- Sulphogene carbon 2-brom. Schultz #1078.  
83% T codling moth larvae; NT mosquito larvae. 487, 1291.
- Sulphogene golden brown G. Schultz #1058.  
94% T codling moth larvae; NT mosquito larvae. 487, 1291.
- Sulfogene yellow.  
82% T codling moth larvae. 1291.
- Sulphogene yellow D. Schultz #1064.  
NT mosquito larvae. 487.
- Sulfonaphthenic acids.  
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- Sulfonated diamine.  
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- Sulfonephthalide, chlo-.  
T as mothproofing agent. 417P, 1175.
- Sulfonic acids, alkyl-. 70P, 746P.
- Sulfonic acids, montanic acid esters. 358P, 1178.
- Sulphur brown R. extra.  
NT mosquito larvae. 487.
- Talcum. (Talkum; talk; tale).  
100% T *Calandra granaria*; T as mothproofing agent. 394P, 395P, 397P, 432P, 467P, 541, 643P, 867P, 922, 1175, 1176, 1259P.
- Tannin. (Probably penta-digalloyl glucose). (Digallie acid; "Gallapfelgerbsaeure"; gallotannic acid; tannic acid).  
T as mothproofing agent; NT *Sitodrepa panicea*; NT clothes moths (739). 77P, 739, 750, 1036P, 1176.
- Tar.  
T as mothproofing agent; NT wireworms. 1176, 1261P, 1310, 1396, 1469P, 1258P.
- Tar, settled wood.  
NT *Melanoplus m. mexicanus*. 1150.
- Tartar.  
T as mothproofing agent. 1133P, 1179.
- Terbene, (mixture of terpene hydrocarbons).  
T *Aphis rumicis*. 1152.
- Tetralon.  
NT *Tineola biselliella* and *Attageus piceus*. 739.
- Thioammeline, polyethers of. 145P.
- Thiocumazone.  
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NT *Pieris rapae*. 635.
- Thiocyanate with the formula Cu(CNS)CHN (as given by author).  
NT *Pieris rapae*. 635.
- Thiocyanate with the formula Ni(CNS)CHN (as given by author).  
NT *Pieris rapae*. 635.
- Thiocyanate with the formula Zn(CNS)CHN (as given by author).  
NT *Pieris rapae*. 635.
- Thiocyanate, triethyl lead aceto.  
T many insects as spray. 161P.
- Thiocyanocylate, hydroterpinyl ester.  
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- Thiocyanocylate, terpene esters.  
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- Thiocyanocyl terpene esters.  
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- Thiocyanocyl terpinyl ester.  
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- Thiocyano organic acid, terpenol ester.  
Fly spray. 95P, 112.
- Thiocyano compounds.  
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- Thioethers. (Organic sulfides). 1140P, 1432.
- Thyroxine (with  $C_2H_5(AsO_2)_2$ ). 1262P.
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- Trithiodiphenylamine.  
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- 8-Truxene.  
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- Wax, paraffin.  
T as carrier. 558A, 992.
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T as mothproofing agent. 1175, 1213AP.
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T *Calandra granaria*. 815A.
- Yeast cake.  
T *Lasioderma serricorne*. 1012.
- Ziderite.  
T *Epilachna corrupta*. 896A.

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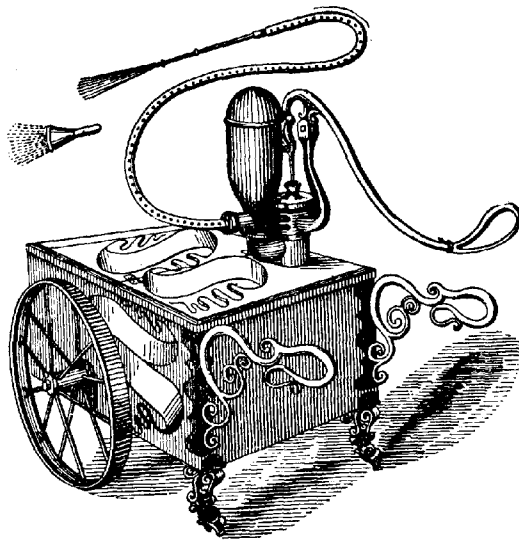
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ZENBA, JOHN. *See* BRITTON, EDGAR C.; COLEMAN, GERALD H.  
ZERWECK, W. *See* HENTRICH, W.  
ZIMMERMANN, FRIEDRICH.  
1512. CP 372,491 (1938).  
1513. GP 700,909 (1940).





# NUMERICAL PATENT LIST

Arranged Alphabetically by Countries and in Order of Patent Numbers

AUSTRALIAN PATENTS	Reference Numbers	BRITISH PATENTS (Cont'd)	Reference Numbers
8103/32	1405	346,039	421
8210/32	594	347,222	278
20,055/34	1132	347,451	357
		349,004	383
		356,192	362
AUSTRIAN PATENTS		358,508	360
99,430	885	361,900	1203
114,042	396	364,046	1414
114,458	397	365,243	422
118,940	398	366,090	423
123,423	399	367,913	319
123,881	437	368,179	807
124,284	438	374,928	186
139,130	1348	383,493	439
146,198	732	389,860	638
151,988	512	391,141	307
		396,094	301
BELGIAN PATENT		399,938	1282
379,339	1281	399,952	1395
		403,957	103
BRITISH PATENTS		406,979	304
10,379	2	407,359	440
13,071	833	407,691	595
19,688	1	407,708	596
160,039	1006	413,445	882
173,536	327	413,529	883
191,793	890	413,557	194
221,599	69	419,170	531
225,262	839	423,462	1451
230,203	1258	424,572	302
235,914	982	426,051	305
235,915	975	428,542	70
236,218	976	429,015	838
238,287	328	431,064	597
240,856	379	431,945	300
247,242	751	436,327	563
249,830	187	437,151	810
253,993	842	442,526	350
257,644	1213	452,656	813
261,241	843	457,119	344
263,092	740	458,179	345
274,425	459	463,544	282
285,825	460	467,044	36
295,742	461	493,764	341
297,484	377	494,766	1200
298,538	400	495,290	36
299,055	462	500,197	237
301,421	977	506,336	530
303,092	463	509,490	736
309,610	375	508,308	1199
310,815	374	507,221	236
310,825	401	512,691	238
312,163	394	520,066	293
313,043	1167	528,752	540A
313,771	615		
316,900	402	CANADIAN PATENTS	
316,987	403	247,378	1257
317,525	380	261,810	1342
321,799	269	275,901	612
324,041	371	280,549	465
324,962	464	292,391	973
325,910	372	292,416	1243
326,137	404	338,895	5
326,451	405	338,897	927
326,567	406	354,650	1226
326,803	381	357,959	579
327,009	1164	372,491	1512
330,598	407		
330,893	408	DUTCH PATENTS	
330,894	409	20,526	432
331,596	363	20,570	433
333,661	410	21,952	384
333,583	411	25,565	441
333,684	412	42,418	57
334,886	413	48,083	55
335,647	414		
337,908	415	FRENCH PATENTS	
337,823	416	35,174	369
337,832	417	37,924	442
338,126	418	39,013	424
340,318	419	39,334	443
340,319	420	39,337	444

GERMAN PATENTS (Cont'd)	Reference Numbers	GERMAN PATENTS (Cont'd)	Reference Numbers
40,647	445	409,510	1231
42,266	448	411,345	489
43,866	527	416,708	1038
518,821	329	419,463	1259
545,930	1270	419,464	1365
581,037	330	421,100	1290
603,552	782	430,186	77
625,380	741	442,901	473
635,973	466	449,126	474
636,434	467	450,418	475
646,479	468	460,545	873
651,846	469	468,914	1356
654,416	385	469,094	874
654,712	470	469,256	643
661,727	471	470,458	1137
661,931	472	481,679	1138
662,431	573	484,995	1237
664,151	828	485,059	1212
670,674	425	485,101	1357
675,413	395	488,573	742
677,340	1388	485,646	641
681,795	426	488,138	868
684,447	386	488,307	158
685,122	427	490,224	1400
688,721	428	496,281	358
688,418	279	500,333	642
694,994	364	501,135	815
696,326	1204	502,600	1242
699,410	273	502,256	1465
700,670	429	504,888	1399
702,703	387	506,085	1385
707,840	430	506,770	1363
709,010	184	506,987	867
711,290	1337	506,988	730
713,082	1335	506,989	1457
717,976	431	507,097	1358
718,260	824	512,871	1262
725,587	361	513,387	1463
726,111	359	513,388	1464
735,959	1336	513,632	829
758,152	196	515,966	999
758,192	447	520,184	1461
759,662	532	520,330	1245
760,352	637	521,205	870
766,051	353	522,824	633
766,945	533	524,590	679
767,044	391	524,624	855
774,692	884	526,611	1185
785,481	1050	527,267	366
791,172	851	528,704	1360
795,668	1128	530,219	1466
796,103	602	530,331	1362
798,734	162	532,394	825
800,498	1250	534,338	1363
802,866	1255	534,676	1239
803,509	392	535,151	1462
804,545	393	535,152	1458
805,545	346	535,551	448
805,750	58	537,024	509
807,789	247	537,768	449
810,521	1201	539,182	450
810,522	1205	540,208	451
814,435	343	541,279	1361
815,634	524	541,629	452
816,921	58A	542,067	453
817,182	625	542,068	454
818,994	526	542,069	1455
842,307	254	544,293	455
842,975	518	545,740	1248
844,708	280	546,097	685
849,003	539A	547,057	684
874,360	737	548,091	1247
		548,822	1453
		550,961	358
		551,513	634
		555,856	1248
		562,672	1202
		576,411	953
		581,990	456
		583,344	939
		588,861	550
		595,106	457
		598,480	1133
		627,144	540
		653,089	1264
		669,541	71
		670,833	1244
		675,972	1159
		692,650	891
		699,032	1442
		700,909	1513
		701,075	8

JAPANESE PATENTS	Reference Numbers	U. S. PATENTS (Cont'd)	Reference Numbers
78,953	1298	1,764,792	746
81,194	809	1,766,819	639
128,857	1040	1,786,172	1195
		1,787,586	918
RUSSIAN PATENT		1,789,555	1216
4,555	604	1,791,429	1183
		1,794,046	1474
SWEDISH PATENTS		1,797,577	994
59,941	936	1,808,893	673
60,110	10	1,813,109	48
80,538	11	1,815,816	1473
89,021	321	1,816,441	1085
		1,819,399	1475
SWISS PATENTS		1,825,729	682
101,949	37	1,841,458	1386
125,139	743	1,842,993	909
134,012	434	1,843,332	908
135,166	435	1,851,007	1430
142,372	176	1,854,948	920
148,330	436	1,873,699	681
162,058	534	1,880,566	1456
165,000	535	1,884,367	1397
183,031	536	1,885,292	1166
165,032	537	1,901,060	585
165,377	538	1,903,864	680
167,697	539	1,906,890	1459
184,004	452	1,907,493	121
196,673-7	523	1,910,488	1460
201,549	522	1,910,828	1394
202,722-25	520	1,912,814	1464
206,359	529	1,915,922	192
208,572	528	1,917,463	1228
		1,921,364	871
UNITED STATES PATENTS		1,921,926	757
20,869 (Reissue)	107	1,923,223	872
22,217 (Reissue)	1088	1,924,507	897
369,739	1213A	1,932,595	1035
387,579	245	1,942,532	1027
929,527	1501	1,945,894	1468
1,019,906	992	1,961,840	85
1,085,783	40	1,962,109	18
1,097,406	317	1,962,276	731
1,216,356	1101	1,971,436	1454
1,381,598	1049	1,972,961	1406
1,448,276	823	1,975,408	1240
1,480,289	1039	1,977,412	1341
1,494,085	1416	1,982,358	1311
1,515,122	1417	1,986,044	178
1,558,122	1343	1,986,218	1135
1,562,510	874	1,990,422	1480
1,573,490	622	1,992,160	1397
1,581,902	1469	1,993,040	1227
1,594,631	1209	1,994,002	966
1,594,632	1210	1,994,467	500
1,610,167	1261	1,995,247	636
1,611,119	862	2,000,004	4
1,613,402	913	2,005,797	908
1,615,843	744	2,006,456	747
1,619,529	1021	2,008,095	196
1,620,687	1490	2,010,443	1283
1,630,836	267	2,011,428	1444
1,634,790	983	2,011,765	738
1,634,791	878	2,014,077	1492
1,634,792	979	2,017,594	564
1,634,793	980	2,017,595	562
1,634,794	984	2,019,121	277
1,645,791	136	2,024,027	260
1,645,792	137	2,024,068	674
1,645,852	138	2,030,093	107
1,655,540	606	2,037,437	1208
1,658,596	574	2,037,719	598
1,682,975	938	2,040,089	142
1,688,597	1124	2,043,941	1489
1,694,219	745	2,044,634	161
1,707,181	1467	2,044,659	1402
1,707,727	769	2,045,925	1136
1,716,273	749	2,045,128	635
1,719,523	1351	2,049,725	1320
1,725,656	844	2,057,044	940
1,727,305	993	2,062,911	785
1,732,240	945	2,067,532	748
1,734,519	621	2,070,352	72
1,734,682	875	2,070,353	73
1,738,280	154A	2,070,603	793
1,739,840	780	2,070,634	1472
1,744,324	934	2,073,316	1052
1,744,633	640	2,075,216	866
1,748,579	972	2,075,359	1225
1,748,580	981	2,076,364	160
1,748,633	130	2,077,478	711
1,748,675	877	2,077,479	710
1,755,178	392	2,077,969	1284
1,757,222	1241	2,080,770	875
1,758,734	917	2,086,046	1114
1,758,936	291	2,087,759	1139
1,761,144	909	2,093,778	818
		2,094,831	1473

U. S. PATENTS (Cont'd)	Reference Numbers	U. S. PATENTS (Cont'd)	Reference Numbers
2,095,939	1438	2,210,900	207
2,095,940	1440	2,212,559	1399
2,095,941	1441	2,212,556	122
2,096,414	1439	2,213,119	123
2,097,136	1308	2,213,156	590
2,097,137	1300	2,213,214	690
2,097,435	48	2,213,215	681
2,097,441	141	2,213,216	692
2,098,204	1095	2,213,217	695
2,098,759	1140	2,213,218	693
2,099,826	1232	2,213,219	698
2,100,493	1325	2,217,358	241
2,101,687	853	2,217,811	90
2,101,648	600	2,217,812	91
2,101,649	601	2,217,813	96
2,101,704	271A	2,217,814	97
2,103,195	760	2,217,815	98
2,103,727	663	2,217,873	216
2,107,293	792	2,218,019	222
2,110,614	1433	2,218,020	225
2,110,990	1435	2,220,521	689
2,110,997	1436	2,220,834	161
2,111,879	1434	2,220,835	162
2,112,381	1222	2,221,771	14
2,114,577	1285	2,221,818	1301
2,115,040	1316	2,221,819	1307
2,121,038	964	2,221,820	1306A
2,121,039	965	2,221,931	1411
2,122,781	1253	2,222,486	1000
2,123,186	914	2,223,329	1018
2,123,854	970	2,223,363	499
2,124,400	675	2,223,693	900
2,127,090	1317	2,224,243	109
2,127,375	104	2,225,573	1389
2,128,195	1306	2,225,018	128
2,129,025	1160	2,225,619	129
2,129,294	1483	2,226,672	1318
2,130,435	1359	2,227,058	99
2,130,525	226	2,227,059	100
2,130,526	228	2,227,060	101
2,130,527	229	2,227,061	102
2,130,947	173	2,227,215	145
2,133,972	227	2,228,170	794
2,134,001	668	2,229,010	125
2,134,556	687	2,232,433	94
2,135,391	490	2,232,434	93
2,138,540	502	2,234,381	1017
2,140,481	1200	2,235,813	668
2,155,010	505	2,237,356	948
2,155,356	126	2,239,079	213
2,158,657	250	2,239,080	221
2,158,958	231	2,239,495	92
2,158,959	232	2,239,496	652
2,158,960	233	2,239,832	1313
2,159,025	694	2,243,207	651
2,161,558	212	2,243,479	688
2,164,355	1299	2,244,308	1018
2,166,118	1224	2,244,309	1019
2,166,119	105	2,244,712	816
2,173,386	1431	2,246,924	1082
2,181,100	1300	2,247,402	1080
2,185,183	219	2,247,404	1089
2,185,185	208	2,249,134	669
2,185,207	863	2,249,135	670
2,185,208	864	2,254,009	666
2,189,570	1235	2,254,665	1126
2,191,299	1324	2,257,711	206
2,191,300	1315	2,259,869	12
2,191,801	1314	2,261,677	262
2,192,197	969	2,261,784	987
2,192,347	700	2,261,785	988
2,192,894	174	2,261,786	989
2,192,906	624	2,261,787	990
2,192,927	1015	2,261,856	995
2,194,075	1191	2,261,857	996
2,194,517	106	2,262,907	719
2,194,624	234	2,262,931	140
2,197,249	197	2,263,471	1368
2,197,624	722	2,269,541	316
2,198,375	139	2,269,543	663
2,199,389	127	2,269,544	667
2,200,603	678	2,269,546	836
2,200,564	1236	2,269,547	854
2,201,103	274	2,269,550	1193
2,201,156	217	2,290,710	1141
2,201,157	223	2,290,881	771
2,201,158	224	2,291,192	1321
2,203,919	1052	2,291,193	1322
2,204,009	147	2,291,194	1323
2,204,511	1127	2,291,526	148
2,204,565	124	2,291,527	149
2,205,232	1404	2,291,528	150
2,205,392	213	2,292,756	619
2,205,393	214	2,292,998	685
2,205,394	215	2,293,025	50
2,207,721	209	2,293,034	997
2,209,184	95	2,293,035	1189







